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Fortieth Annual Catalog

JAN 19 1924

PIONEER SEED HOUSE NURSERY & GREENHOUSES OF THE NORTHWEST

REGISTERED U.S. PAT. OFF.

1883

1923

WILL'S
Gehu Corn

*Earliest
Hardest-Surest*

GEHU CORN FOR
HIGH ALTITUDES

GEHU CORN FOR HIGH LATITUDES

OSCAR H. WILL & CO.
BISMARCK, N. D.

SEED CORN



SPECIALISTS

FORTY YEARS OF
SEED SERVICE IN
NORTH DAKOTA MAKE
US THE BEST ADAPT-
ED HOUSE TO SERVE
THE NORTHWEST

FORTY YEARS SPENT
IN BREEDING, PRODUC-
ING & SELECTING EARLY
& HARDY VEGETABLES,
CORN, GRAIN & NUR-
SERY STOCK

General Directions to Customers

HOW TO SEND MONEY. Remittance should be made by Postoffice or Express Money Order or by Bank Draft. Personal Checks delay orders as we must wait to verify them. U. S. Stamps are accepted for small amounts.

DELIVERY OF GOODS. Goods may be sent by mail, express or freight. Mail post-paid prices are quoted in most cases. Parcel Post rates are given so that customers can figure the amount necessary to add to freight prices when larger amounts are desired by mail. If you wish goods sent by mail be sure that you remit mail prices. The Parcel Post weight limit is 70 lbs., within 150 miles, 50 lbs. beyond that. Weight limit for Parcel Post to Canada 11 lbs., takes 8th zone rate. There is no reduction on postpaid prices of packet and ounce goods if sent by express or freight.

EXPRESS AND FREIGHT. Seeds sent by freight or express means that we deliver the goods to the express or railway company. The purchaser pays all transportation charges on receipt of goods. On moderate sized orders we advise express shipment rather than freight.

Upon delivery of goods to transportation company, a sale is completed. In event of loss or damage to goods in transit the purchaser must have notation of such loss placed upon his receipt, and may then file claim for loss at his station, or may send the necessary papers to us when we shall gladly enter claim for him, remitting to him as soon as the claim is paid.

Remember that our responsibility ceases on delivery in good order to the transportation company, and it is therefore imperative that every purchase be carefully examined for loss or damage before receiving it.

We do not guarantee replacement of goods sent by mail. An additional remittance of five cents will insure any mail package. We strongly advise against mailing of plants and nursery stock as there is no recourse in case of delay and injury.

PACKING. No charge is made for boxes, bags or wrapping for any goods offered in this catalog.

KEEP A COPY OF YOUR ORDER. Check goods received with this copy. Sometimes items are sold out or will follow later, in which case a slip is enclosed with other goods or notices sent.

MISTAKES. These will happen in spite of all care. Write us at once with copy of original order and order number, and mistake will be promptly rectified. Please do not return goods until you hear from us.

Notify us if you hear nothing of your order within a reasonable time.

OUR RESPONSIBILITY. It is so manifestly impossible for a seller of any perishable goods to be responsible for what happens to them after they leave his hands, especially goods like seeds which are planted in the ground under varying conditions of soil and climate, that we, in common with all American seed houses, disclaim responsibility as to crop which may be raised from the seeds which we sell.

We wish it understood that all goods are sold under the following general non-warranty.

We give no warrant, express or implied, as to the description, quality, productiveness or any other matter, of any seeds, bulbs, shrubs or trees sold by us, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on the above terms, no sale is made thereof, and they must be returned at once and money will be refunded.

However, we wish to call the attention of our customers to the fact that we make careful tests of all seeds in our stock and endeavor to see that nothing but goods of the very highest quality are sent out.

We urge most strongly that every bit of seed grain or seed corn received from us be tested. Should the test prove unsatisfactory or the goods not as represented they may be at once returned at our expense when we shall refill or refund the customer's money as requested.

With regard to trees or plants, if sent by express, and damage is noted by consignee at the station we are glad to replace or refund. We do not guarantee Nursery Stock and Plants after being taken from the express office, but are always willing to give attention to just claims for loss.



WILL'S SEED
AND
NURSERY SERVICE
TO
NORTHWESTERN PLANTERS



TO OUR CUSTOMERS OLD AND NEW

This is our fortieth annual catalog of seeds, trees and plants especially adapted to Northwestern conditions. Our experience is longer and our organization older than that of any other firm in our territory. We have grown from a small local concern to one known wherever early or hardy varieties of grain and vegetable crops are needed. We have spent four decades in developing, selecting, breeding and introducing varieties of vegetables, corn, grain and nursery stock adapted to the Northwest. For all of these reasons we feel that we are far in the lead in our ability to render real service to those who patronize us.

On the following lines we are letting some of our customers speak for us.

Sincerely,

OSCAR H. WILL & CO.

I used your seeds for several years in Montana and they did well when others died. I also tried some of them here last year and they did a lot better than seeds that were raised in this state. So we should like to keep one of your catalogs on hand no matter in what country we are.

Mrs. W. F. Hilke, Glencoe, Ill.

I have used your seeds for four years with good results.

W. A. Morrison, Bay Center, Wash.

We are using your seeds as have my father and grandfather before me, and have found them unexcelled for this locality.

Edgar Preston, Tower City, N. D.

For the last three years I have sown your seeds, and they have proven entirely satisfactory.

John M. Loken, Palmer, Alaska.

I have tried other seeds but yours do the best of any so far, here in Alberta.

O. O. Beebe, LaCombe, Alberta.

I like your seeds better than any I have ever used.

Mrs. Irene Branson, Pioneerville, Idaho.

I have used your seeds for years, and find them splendid for the dry farm and high altitudes.

Mrs. E. L. Samuelson, Chugwater, Wyo.

I have dealt with you for sixteen years, and have found your seeds O. K. so far.

P. C. Bendickson, Willow River, Minn.

We have been ordering all the seed we use from your firm for twelve years.

J. C. Dowdell, Stryker, Mont.

I have used Pioneer Seeds for 18 years and have not had a bad package in all those years.

Carl Wilke, R. 1 Rolla, N. D.

The seed I get from you are always nice, and not high in price.

Miss Bertha Schmidt, Plankinton, S. D.

We are always well pleased with your seeds. We have ordered seeds from you for several years and find you always deal fair and square, and that your seeds have always been satisfactory and just right for this climate.

Mrs. J. F. Badgley, Brusett, Mont.

I purchased seed from your firm for the last few years, and it is the best I ever had.

Adolph Martel, Medina, N. D.

Parcel Post Rates

Limit of weight in zones 1 and 2 is 70 lbs. Weight limit for zones 3 to 8 inclusive, is 50 lbs.

IF YOU DO NOT KNOW WHICH ZONE RATE APPLIES CONSULT YOUR POSTMASTER

For zones 1 and 2. 1 lb. is 5c. Add 1c per lb. to 5c for each additional pound weight of the package. Thus 7 lbs. will be 5c plus 6 additional pounds at 1c per pound or 11c.

Zone 3. One pound is 6c. For each additional pound add 2c.

Zone 4. One pound is 7c. For each additional pound add 4c.

Zone 5. One pound is 8c. For each additional pound add 6c.

Zone 6. One pound is 9c. For each additional pound add 8c.

Zone 7. One pound is 11c. For each additional pound add 10c.

Zone 8. One pound is 12c. For each additional pound add 12c.

The 8th zone rate applies on parcel post to Canada.

PREMIUMS

Premiums must be claimed at the time of ordering, and only one premium is allowed to each order.

CLASS 1. An order for vegetable or flower seeds to the amount of seven dollars, or of seed grain and trees to the amount of twelve dollars, entitles the customer to his choice of the following books:

Farmers' Account Book and Simplicity Service Set. A complete accounting system, making the calculation of the income tax its aim. Detailed explanation of Income Tax Law furnished with the set.

Farm Topics. A valuable compilation of useful information on farming.

Weeds and How to Eradicate Them. By Thomas Shaw.

Country Kitchen. 900 tested recipes.

Farm Wind Breaks and Shelter Belts.

CLASS 2. An order for vegetable or flower seed to the amount of ten dollars, or for grain or trees to the amount of fifteen dollars entitles the customer to the following premiums.

One 16-inch White Thermometer. Tested and good for fifty below. This is an article necessary on every farm.

CLASS 3. An order for vegetable or flower seeds to the amount of fifteen dollars, or for seed grain or trees to the amount of twenty-five dollars entitles the purchaser to any one of the following books:

Vegetable Gardening. An advanced book on gardening.

Beginnings in Animal Husbandry. By Prof. Charles S. Plumb, a full discussion of live stock raising and breeding.

Grasses and How to Grow Them. By Prof. Thomas Shaw.

Elements of Agriculture. By Prof. J. H. Shepard and J. C. McDowell, a general discussion of all farm problems.

Special Onion Seed Premium. The book "Onions", by Ralph W. Jordan. Given upon request with each order for five pounds or more of onion seed. Sold at fifty cents. A complete work on the raising, handling, and treatment of onions with directions for every step from preparing ground to marketing.

Special Corn Premium. To those especially interested in the Indian Agriculture we can offer a book on the subject, "Corn Among the Indians of the Upper Missouri." This sells at \$1.50, and we shall be glad to send it as a premium with every seed corn order of \$25.00 or more.

Special Collections

Money Saving Offers and Novelties

Special Packet Collections No. 1 and No. 2

To customers wishing only very limited quantities of seed for small gardens our No. 1 and No. 2 collections are most economical. Both are postpaid.

No. 1. We offer fifteen five-cent packets of seed, the selection of the buyer, for 50c.

No. 2. We offer thirty-two five-cent packets, the selection of the buyer, for \$1.00.

Seeds in packets at more than 5c per packet may be counted as two or more five cent packets.

In no case, however, is it permitted to include ounce or larger packages in these collections.

Special Flower Seed Collection No. 3

For School Children

As a special for children interested in flowers and in flower garden competition we offer ten packets of flower seeds, selected by ourselves and of suitable varieties, for 25c.

Will's Dollar Home Garden Collection

Price, Postpaid, \$1.00

For a garden 25x40 feet, figured in 25 ft. rows. This collection is a great saving and an especial convenience to the customer who is not familiar with varieties and comparative quantities required.

(Amount, variety, space required, distance between rows and regular price.)

$\frac{1}{2}$ -lb. Improved Golden Wax Beans, 2 rows, 18 in.....	\$0.20
1 Oz. Will's Improved Beet, 2 rows, 18 in.....	.10
1 Oz. Danvers Half Long Carrot, 2 rows, 18 in.....	.10
$\frac{1}{4}$ -lb. Golden Bantam Sweet Corn, 4 rows, 2 $\frac{1}{2}$ ft.....	.15
2 Pkts. Lettuce, 1 Leaf, 1 Head, 1 row, 1 ft.....	.10
1 Oz. Dakota Globe Onion, 2 rows, 18 in.....	.15
1 Oz. Improved Guernsey Parsnip, 2 rows, 18 in.....	.15
$\frac{1}{2}$ -lb. Bliss Everbearing Peas, 2 rows, 2 ft.....	.20
$\frac{1}{2}$ -lb. Sutton's Excelsior Peas, 2 rows, 2 ft.....	.20
4 Pkts. Radish, assorted early and late, 2 rows, 1 ft.....	.20
2 Pkts. Sandwich Island Salsify, 1 row, 18 in.....	.10
1 Pkt. Extra Early White Milan Turnip, 1 row, 18 in.....	.05

Value if ordered separately 1.70

Price, postpaid \$1.00

Our Leader Collection 50c Postpaid

1 pkt. Will's Improved Beet.	1 pkt. Will's Sugar Watermelon.
1 pkt. Copenhagen Market Cabbage.	1 pkt. Dakota Globe Onion.
1 pkt. Danvers Half Long Carrot.	1 pkt. Guernsey Parsnip.
1 pkt. Danish Perfection Cauliflower.	1 pkt. Neapolitan Pepper.
1 pkt. Golden Self Blanching Celery.	1 pkt. Early Carmine Radish.
1 pkt. Early Fortune Cucumber.	1 pkt. Will's Improved Rutabaga.
1 pkt. Curled Simpson Lettuce.	1 pkt. Improved Hubbard Squash.
1 pkt. Ex. Early Knight Muskmelon.	1 pkt. Millet's Dakota Tomato.

Will's Sweet Corn Collection

The collection is designed to give corn lovers the longest possible succession of roasting ears by furnishing a planting of each variety from the very earliest sorts to the latest which we can use profitably in our climate.

Two ounces of each of the following varieties:

Assiniboine Yellow
Will's Early June
Nuetta

Improved Early Dakota
Golden Bantam
Banana Cream

Stowell's Evergreen

The PRICE of the COLLECTION is 50c, Postpaid

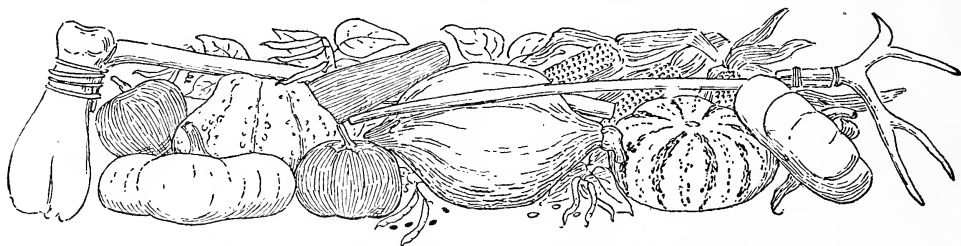
WILL'S OLD FASHIONED GARDEN FLOWER COLLECTION 75c, Postpaid.

1 pkt. Antirrhinum.
1 pkt. Bachelor's Button.
1 pkt. Balsam.
1 pkt. Canterbury Bells.
1 pkt. Catchfly.
1 pkt. Convolvulus.
1 pkt. Double Daisy.
1 pkt. Forget-Me-Not.
1 pkt. Hollyhock.

1 pkt. Marigold.
1 pkt. Mignonette.
1 pkt. Premium Pansy.
1 pkt. Phlox.
1 pkt. Portulaca.
1 pkt. Stock.
1 pkt. Sweet William.
1 pkt. Verbena.
1 pkt. Zinnia.

1 Ounce Tall Nasturtiums, 1 Ounce Imperial Mixed Sweet Peas—Value \$1.15
Price, postpaid, 75c.

WILL'S PIONEER INDIAN COLLECTION



Our Vegetable Heritage from the First Americans

Before a white man ever saw North Dakota, the Mandan, Hidatsa and Arikara Indians had a highly developed type of agriculture along the Missouri River. Our firm has long been interested in the remnants of this agriculture and we have taken over and adopted many of the Indian varieties to the lasting advantage of Northwest farmers.

The Indian collection consists of samples of various items obtained by us from the Fort Berthold Reservation and other reserves, and should prove exceedingly interesting for experimental purposes, as well as for the practical value of the plants.

1 pkt. Assiniboine Corn.	1 pkt. Hidatsa Red Bean.
1 pkt. Nuetta Sweet Corn.	1 pkt. Mandan Squash.
1 pkt. Arikara Yellow Bean.	1 pkt. Mandan Flour Corn.
1 pkt. Arikara Squash.	

Price, 25c, Postpaid

We have used your seeds so long and had such good success with them that we do not feel safe in buying others, so we are sending for our supply with this letter.

We moved to Idaho last summer but I shall always want Will's seeds.

B. W. Shober, Ola, Idaho.

Vegetable Seed Section



VIEWS IN OUR TRIAL GROUNDS.

Please remember that the prices here quoted are by mail, postpaid to any address in the United States, unless otherwise noted. Prices of one pound or over subject to change.

Will's Hardy, Northern Grown, Acclimated Garden Seeds for Northwestern Conditions.

WE HAVE INTRODUCED MORE VEGETABLE VARIETIES SUITED TO NORTHWESTERN CONDITIONS THAN ALL OTHER FIRMS COMBINED

When you buy Will's seeds you get the results of forty-one years of experimenting with, testing, selecting, and breeding varieties suited to the short seasons, dry weather and severe conditions of the Northwest.

It seems to me that I can't plant a garden or put out some trees without getting them from Will. They always grow.

Henry Bratvold, Ray, N. D., R. No. 2.

Your seeds have been the only ones we have used in ten years.

A. R. Kirkland, Crowheart, Wyo.

We have used your seeds for about 16 or 17 years; also got trees and currants, etc.; find everything as you describe it.

W. S. Randolph, Detroit, Minn., R. No. 1.

PLANTING TABLE FOR VEGETABLES

Ft. of row for five persons	Kind of Vegetable	Distance apart of plants in rows (inches)	Least distance between rows (inches)	Seed for 100 feet of row
200	*Beans—Dwarf, snap	2-5	20	2 lbs.
100	Beans—Dwarf, lima	6	20	2 lbs.
150	*Beets	2-4	18	2 oz.
200	Cabbage	16-24	24	50-75 plants
50	Cauliflower	16-24	24	50-75 plants
50	*Carrot	2	18	1 oz.
50	Celery	4-8	18	200 plants
500	*Corn, sweet	16-36	30	1 lb.
100	Cucumber	Hills 48	48	2 oz.
25	Egg Plant	20-30	24	50 plants
150	*Lettuce	4-8	Beds 6	1 oz.
150	Muskmelon	Hills 72	72	2 oz.
200	Onions, from sets	2-3	16	3 pts. sets
50	Parsnip	3-5	18	1 oz.
300	*Peas	1-1 1/2	30	2 lbs.
25	Peppers	16	24	20 plants
800*	Potatoes, early	14-18	30	1 peck
150	*Radish	1-2	16	1 oz.
200	Spinach	1-3	18	1 oz.
25	Squash, summer	Hills 42	42	2 oz.
100	Tomato	30	36	40 plants
800	*Turnip	2-4	18	1 oz.

These vegetables marked * should not all be planted at one time, but a part at intervals of two or three weeks, to secure a continuous supply.

If you use large quantities of Garden Seed, let us quote on your requirements.

Asparagus One Ounce Will Sow Fifty Feet of Drill

CULTURE—Sow early in spring in rows one foot apart; when one year old the roots may be taken up and transplanted in permanent beds, which should be made by taking out the soil to a depth of about 16 inches; fill in with six inches of well rotted stable manure, then six inches of soil some what firmed. Place the roots on the same about 10 inches apart with the roots well spread out, and cover so that the crown will be about four inches below the surface. Keep the surface well raked to keep down the weeds until the shoots appear.

CONOVER'S COLOSSAL. This is the largest and most extensively grown green variety. Pkt., 5c; oz., 10c; 4-lb., 25c; 1 lb., 80c, postpaid.

COLUMBIAN MAMMOTH WHITE. A distinct variety of strong and vigorous growth, producing very large white shoots that in favorable weather remain white as long as fit for use. Pkt., 5c; oz., 10c; 4-lb., 25c; 1 lb., 80c, postpaid.

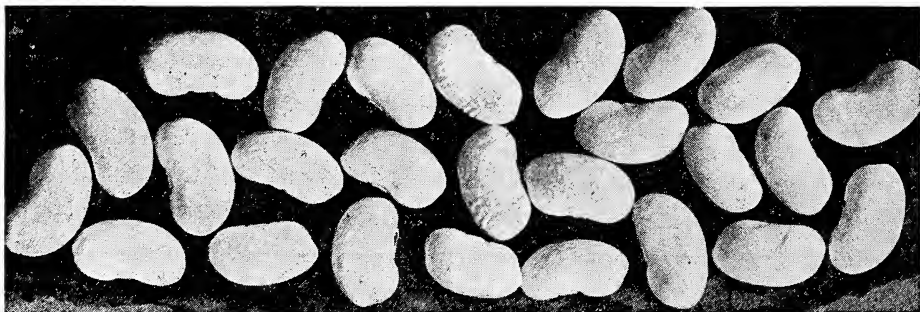
Plant Roots of above varieties, and save 2 Years from seed. See Page 82.



Conover's Colossal

Beans

CULTURE—Beans should not be planted until the ground is warm, as cold and wet weather will cause the seed to rot. For garden culture plant four or five seeds in hills one foot apart, and the rows 18 inches apart. For field culture make the rows three or three and one-half feet apart, and cover with two inches mellow soil. Do not hoe or cultivate while the plants are wet with dew or rain, as getting the leaves bespattered with earth causes rust, which injures the crop. Note that we are listing beans by weight instead of measure. One pound of beans is a little more than one pint.



Great Northern Baking Bean

FIELD BEANS

GREAT NORTHERN—The Most Delicious Baking Bean in the World. The first stock of these beans was obtained by us nearly forty years ago from Son of a Star, an Hidatsa Indian of the Ft. Berthold Reservation. They had been raised by the Indians for many years and are therefore practically native to the Northwest. We have handled many of them for eating purposes this season, and find that they are bought just as readily as the navies which they far surpass in quality as well as earliness. They are wonderful yielders and one of the most profitable beans that can be raised. Pkt., 5c; 4-lb., 15c; 2-lb., 20c; 1 lb., 30c, postpaid. By express or freight, 10 lbs., \$1.00; 100 lbs., \$8.00.

I won 1st. and 3rd. on your Beans last year and I don't want to let 2nd. get away this coming season. Two years ago I got 1st. and 2nd. on your beans. I am after the "big stuff" with first quality.

Master Ruskin Golden, Terry, Mont.
Boys Club Member Age 12.

PILOT NAVY FIELD BEAN—The Earliest on Earth. This bean, originated in Minnesota by Mr. Dupont, and introduced by us in 1913, has come to occupy a very high place both for its earliness, and its cooking qualities. It comes close to the wax beans, from which it developed, in tenderness. The skin is very thin and it is the best flavored of the Navy Beans. Its earliness makes it a most valuable acquisition to our field crops. We have annually increased our acreage, but as annually find ourselves sold out early in the spring. This year we have an unusually fine stock to offer, and recommend it highly. Pkt., 5c; $\frac{1}{4}$ -lb., 15c; $\frac{1}{2}$ -lb., 20c; 1 lb., 30c, postpaid. By express or freight, 10 lbs., \$1.50; 100 lbs., \$10.00.

HIDATSA RED BEAN. A heavy yielder, hardy, drought resistant, and an excellent baking bean. The seed is similar to the Great Northern in shape but is red in color. Originally obtained from one of the Ft. Berthold tribes. Pkt., 5c; $\frac{1}{4}$ -lb., 15c; $\frac{1}{2}$ -lb., 20c., 1 lb., 30c, postpaid. By express or freight, 10 lbs., \$1.00; 100 lbs., \$8.00.

ARIKARA YELLOW BEAN. Formerly called Yellow Indian. We have given it the name of one of the Ft. Berthold tribes of Indians, as it is much grown by that tribe. An even better flavored bean than the Hidatsa, but not quite as heavy a yielder. Pkt., 5c; $\frac{1}{4}$ -lb., 15c; $\frac{1}{2}$ -lb., 20c; 1 lb., 30c, postpaid. By express or freight, 10 lbs., \$1.00; 100 lbs.; \$8.25.

DWARF OR BUSH BEANS

(For eating green—snap or string beans).

PENCIL POD BLACK WAX. An old favorite sort, hardy, productive and of excellent flavor. Long golden yellow pods, stringless and brittle. Pkt., 5c; $\frac{1}{4}$ -lb., 15c; $\frac{1}{2}$ -lb., 20c; 1 lb., 30c, postpaid. 5 lbs., \$1.10, by express or freight.



Brittle Wax



Improved Golden Wax

IMPROVED GOLDEN WAX. This is the very finest selected strain of the Golden Wax bean, and has for years been our most popular sort. It seems to be especially suited to Northwestern climatic conditions. The pods are large, fleshy, and entirely stringless, the color is a bright golden. A very early sort, and highly rust resistant. Pkt., 5c; $\frac{1}{4}$ -lb., 15c; $\frac{1}{2}$ -lb., 20c; 1 lb., 30c, postpaid. 5 lbs., \$1.00, by express or freight.

ROUND POD KIDNEY OR BRITTLE WAX BEAN. An early round-podded, stringless yellow wax of the golden wax type, but superior in several respects. Pods long and slender, 5 inches in length, quality the best. Pkt., 5c; $\frac{1}{4}$ -lb., 15c; $\frac{1}{2}$ -lb., 20c; 1 lb., 30c, postpaid. By express or freight, 5 lbs., \$1.10.

Have used your seeds for over 20 years and they are surely fine. We have the largest garden ($1\frac{1}{2}$ acres) and hardly a weed to be seen. Your seeds always grow.

Mrs. L. B. Cook, Buchanan, N. D.

BEANS—(Continued)**GREEN POD STRINGLESS**

Earliest of the green pod sorts. Our strain is peculiarly rich in flavor, meaty and productive. The pods are long, round, straight and very handsome. **Pkt., 5c; 1-lb., 15c; 1/2-lb., 25c; 1 lb., 40c, postpaid. 5 lbs., \$1.40, by express or freight.**

BOUNTIFUL

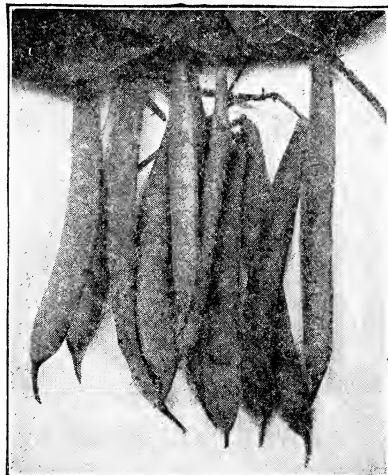
This is one of the hardiest of the edible pod beans. Pods are green, stringless, flat and of very fine quality. Average length 6 to 7 inches. A great favorite throughout the Northwest on account of its hardness and productiveness. **Pkt., 5c; 1/2-lb., 15c; 1-lb., 20c; 1 lb., 30c, postpaid. By express or freight, 5 lbs., \$1.00**

DAVIS KIDNEY WAX

Desirable because of its long, handsome, light yellow pods, and its hardness; the white color of its seed makes this variety equally valuable as a bean for winter use. **Pkt., 5c; 1-lb., 15c; 1/2-lb., 20c; 1 lb., 30c, postpaid. 5 lbs., \$1.00, by express or freight.**

SURE CROP STRINGLESS WAX

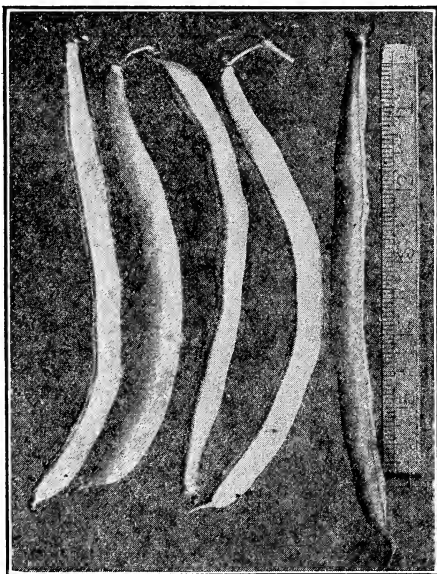
A heavy yielding and delicious wax bean, very bushy with long flat yellow pods. Has been increasingly popular every year since its introduction. Absolutely stringless, very hardy, rust resistant,

**Bountiful**

with a very strong plant growth. An excellent main crop wax bean. **Pkt., 5c; 1-lb., 15c; 1/2-lb., 25c; 1 lb., 35c, postpaid. By express or freight, 5 lbs., \$1.10.**

BUSH LIMAS

FORDHOOK BUSH LIMA. One of the very earliest of all Limas. Pods of good length and contain from 4 to 5 large, thick white beans. A wonderful producer and of excellent quality. **Pkt., 5c; 1-lb., 15c; 1/2-lb., 25c; 1 lb., 45c, postpaid.**

**Sure Crop Stringless Wax**

NEW WONDER. This is a standard variety in the Northwest. It is of compact growth and not inclined to runners as are many Bush Limas. The beans are broad, thin and flat. The flavor is delicate and the yield excellent. **Pkt., 5c; 1/2-lb., 15c; 1-lb., 25c; 1 lb., 40c, postpaid.**

JACKSON WONDER. A small seeded, calico colored Lima which has proven earlier in our trials than any other Lima Bean we have ever planted. **Pkt., 5c; 1-lb., 15c; 1/2-lb., 25c; 1 lb., 45c, postpaid.**

POLE BEANS

KENTUCKY WONDER WAX. The best pole wax bean for northern planting; the light yellow pods are 8 to 9 inches long, thick, very fleshy and brittle. This is one of the earliest of the pole sorts. **Pkt., 5c; 1-lb., 15c; 1/2-lb., 25c; 1 lb., 40c, postpaid.**

**Fordhook Bush Lima**

Beets

Remember that these prices are for seed prepaid by mail except as otherwise noted.

One ounce of seed will sow fifty feet of drill; six pounds per acre.

CULTURE—Sow in drills 15 to 18 inches apart as early as the ground can be worked in the spring. When the plants are large enough to handle, thin to four or five inches apart in the row.



Will's Improved Beet

The leaves are very large and picking a mess of Swiss Chard for greens is short work. In addition to its value for rich greens, the broad white stems and mid-ribs may be cooked like Asparagus or used for pickles. Swiss Chard gives big returns with little care. Pkt., 5c; oz., 10c; 1-lb., 25c; 1-lb., 40c; 1 lb., 75c, postpaid.

SUGAR BEETS

CHAMPION WHITE. A hardy and easily grown white, wedge-shaped, sugar beet. This variety combines heavy yield with an extremely high sugar content. The sugar beet is not only a source of sugar but an excellent stock food and a heavy milk producer. Pkt., 5c; oz., 10c; 1-lb., 20c; 1-lb., 35c; 1 lb., 60c, postpaid. By express or freight, 5 lbs., \$2.25.

Ask for our special leaflet on making syrup from sugar beets and sorghum.

GIANT HALF SUGAR ROSE. This is an intermediate type between the sugar beet and Mangel, combines sugar content to a degree with the size of the mangel thus improving the quality of the feed and maintaining the quantity. Rose colored skin, white flesh. Pkt., 5c; oz., 10c; 1-lb., 20c; 1-lb., 30c; 1 lb., 50c, postpaid. By express or freight, 5 lbs., \$2.00.

GARDEN BEETS

WILL'S IMPROVED BLOOD TURNIP BEET. This is an exceptionally fine strain of Crosby's Egpytian. The roots are somewhat flattened though globular and the skin a very dark red in color. The flesh is of a slightly lighter shade and lightly zoned. The best first early beet and a good keeper. Pkt., 5c; oz., 10c; 1-lb., 25c; 1-lb., 45c; 1 lb., 80c, postpaid. By express or freight, 5 lbs., \$3.30.

LONG BLOOD RED. Best of the long garden beets; drought resistant, a very good keeper and grows until late in the fall. Excellent for sod planting. Pkt., 5c; oz., 10c; 1-lb., 25c; 1-lb., 40c; 1 lb., 75c, postpaid.

DETROIT DARK RED. The best main crop beet. The roots are smooth, medium sized, and globe shaped. The skin is a dark blood red and the flesh is a solid vermilion red with no zoning. Pkt., 5c; oz., 10c; 1-lb., 25c; 1-lb., 45c; 1 lb., 80c, postpaid. By express or freight, 5 lbs., \$3.30.

ECLIPSE. A very early variety with round, bright red roots. The flesh is crimson with pinkish white zones, sweet, crisp, and tender. Pkt., 5c; oz., 10c; 1-lb., 25c; 1-lb., 40c; 1 lb., 75c, postpaid. By express or freight, 5 lbs., \$3.00.

SWISS CHARD

LUCULLUS. To our mind the best vegetable that can be raised for greens. The outside leaves are picked off and the plant yields a constant crop from July well into September.



Eclipse Beet

Mangels or Stock Beets

A necessity for stock and poultry. Mangels with their enormous yields furnish body building material and maintain general good health.

CULTURE—Sow in April and May in a deep, mellow seed bed, well manured, in drills 18 inches apart and about two inches deep. Four to six pounds are required to the acre.

TAAROJE BARRES MANGEL. This superior variety is a product of the Danish system of stock certification which has produced so many wonderfully improved varieties. Pound for pound these mangels very nearly equal sugar beets in their dry matter content. They grow largely out of ground, are of a short, thick shape and are very easily lifted. This is probably the highest yielding sort under good conditions. **Pkt., 5c; oz., 10c; 1-lb., 20c; 1-lb., 35c; 1 lb., 65c, postpaid. By express or freight, 5 lbs., \$2.50.**

GOLDEN TANKARD MANGEL WURTZEL. A variety noted for its milk producing properties. The flesh is firm and solid and of a rich golden yellow color. It grows well above the ground and yields well on light soils. **Pkt., 5c; oz., 10c; 1-lb., 20c; 1-lb., 35c; 1 lb., 65c, postpaid. By express or freight, 5 lbs., \$2.40.**

GIANT RED ECKENDORF MANGEL WURTZEL. The Eckendorf Mangel is a phenomenal yielder and is more largely planted in Germany than any other sort. It is easily harvested as the root comes to the largest part above the ground. The roots are smooth, of cylindrical shape, and weigh from 15 to 25 pounds. The flesh is white, firm and of high nutritive value. This is one of the best varieties. **Pkt., 5c; oz., 10c; 1-lb., 20c; 1-lb., 35c; 1 lb., 65c, postpaid. By express or freight, 5 lbs., \$2.40.**



Golden Tankard-Taaroje Barres

MAMMOTH LONG RED MANGEL WURTZEL. This is the heaviest cropping and largest of all mangels. It grows well above the ground and is easily harvested. The deep red roots are straight, well formed and solid. This variety is particularly adapted to a deep soil. **Pkt., 5c; oz., 10c; 1-lb., 20c; 1-lb., 35c; 1 lb., 60c, postpaid. By express or freight, 5 lbs., \$2.30.**

MAMMOTH GOLDEN GIANT MANGEL WURTZEL. This is a yellow mangel with white flesh, somewhat long with most of the root above ground. It is especially notable as being the hardiest sort withstanding much more severe weather conditions than any of the others. An excellent keeper and good producer, the roots under good conditions reaching tremendous size. **Pkt., 5c; oz., 10c; 1-lb., 20c; 1-lb., 35c; 1 lb., 60c, postpaid. By express or freight, 5 lbs., \$2.30.**



Golden Giant

I planted your Taaroje Barres Mangel Beet seed last year and wish to say I never grew any better. You don't recommend them half enough. Mine averaged 15 lbs., and some went as high as 20 lbs. I only had them about 4 inches apart in the row and 18 in. between rows. They are just as brittle now as when I put them in the basement and the Gate Post I put in the same basement are all shriveled.

D. E. Smith, Sultan, Wash.

BORECOLE OR KALE

GREEN CURLED OR SCOTCH. This is more hardy than cabbage and makes excellent greens for fall and early spring. A good frost improves the quality. **Pkt., 5c; oz., 10c; 1-lb., 25c; 1-lb., 40c; 1 lb., 75c, postpaid.**

BROCOLI

PURPLE CAPE. Forms heads much like cauliflower, but is hardier and gives excellent results in cool localities. **Pkt., 5c; oz., 20c, postpaid.**

BRUSSELS SPROUTS

PARIS MARKET. This is by far the most delicately flavored of the cabbage family. Our strain is of half dwarf growth bearing handsome, solid, round sprouts of best quality, crowded together on the stalks. **Pkt., 5c; oz., 15c; 1-lb., 55c; 1 lb., \$2.00, postpaid.**

CHERVIL

CURLED. More handsome and finely curled than parsley and useful in garnishing. Our strain is very early and finely flavored. **Pkt., 5c; oz., 10c; 1-lb., 30c; 1 lb., \$2.00, postpaid.**

CHINESE CABBAGE (Pe-Tsai)

A wonderful salad plant, resembling Cos Lettuce. It should be planted early in the spring and again about the middle of July, as it goes to seed rapidly in hot weather. The inner leaves blanch a creamy white and its mild and pleasant flavor makes it distinctive when served as a salad or cooked like asparagus. **Pkt., 5c; oz., 20c; 1-lb., 60c, postpaid.**



Chinese Cabbage

CHICORY

WITLOOF. Witloof is used principally as a winter salad, and it is most delicious served with French dressing and eaten like Cos Lettuce. The seed should be sown in the open ground, not later than June in drills twelve to eighteen inches apart, and the seedlings should be thinned out to stand not closer than three inches. The plants form long, parsnip-shaped roots which are lifted up in the fall, trimmed of leaves, and stored in soil in a cool place until wanted for forcing. It requires about one month to force the roots. The heads are then cut off with a small portion of the neck of the root attached. **Pkt., 5c; oz., 10c; 1-lb., 35c, postpaid.**

LARGE ROOTED OR COFFEE. The roots dried, cut in thin slices, roasted and ground, are used largely as a substitute for coffee. The leaves make an excellent salad for early spring use. **Pkt., 5c; oz., 10c; 1-lb., 35c, postpaid.**

CORN SALAD

LARGE ROUND LEAVED. This is a small, quick growing salad plant for late fall or early spring. It may also be cooked for greens. **Pkt., 5c; oz., 10c; 1-lb., 35c, postpaid.**

CRESS

FINE CURLED OR PEPPER GRASS. Its leaves impart an agreeable and pungent taste to salads, and are also used for garnishing. **Pkt., 5c; oz., 10c; 1-lb., 30c, postpaid.**

ENDIVE

CULTURE—Sow outdoors in rows 18 inches apart; later thin to 6 inches in the row. If wanted for salad tie up leaves to blanch. 1 ounce plants a 50 ft. row, or makes 3,000 plants.



Kohl Rabi

MAMMOTH GREEN CURLED. The standard variety with finely divided leaves which give the plant a mossy appearance. Endive is coming rapidly into favor for greens because of its excellent flavor. **Pkt., 5c; oz., 10c; 1-lb., 30c.**

KOHL RABI

One ounce sows 150 ft. drill.

CULTURE—About the same as for turnips.

EARLY WHITE VIENNA. An early variety of excellent flavor, tender and meaty. **Pkt. 5c; oz., 15c; 1-lb., 45c, postpaid.**

LEEK

LARGE LONDON OR FLAG. Sow early in a bed. When 6 inches high, trim off tops and transplant in rows 4 inches apart. **Pkt., 5c; oz., 15c; 1-lb., 60c, postpaid.**

GOURDS

NEST EGG. Resembling in color, shape and size, the hen's egg. Do not crack, last for years and make the best nest eggs. Rapid grower and good climber; extremely ornamental, and useful in covering screens, etc. **Pkt., 5c; oz., 15c; 1-lb., 40c, postpaid.**

NEW JAPANESE DISH CLOTH OR LUFFA. Ornamental enough for a house vine, and fruit is very useful. Fruit enormous, two feet in length and borne in great profusion. The lining of mature fruit, when washed and bleached, is porous, elastic and sponge-like, making the nicest, cleanest substitutes for dish cloths and bath sponges imaginable besides being useful for various articles of fancy work. **Pkt., 5c; oz., 15c; 1-lb., 50c, postpaid.**

Cabbage

CULTURE—For very early use sow the seed in hotbed or in boxes in the house. The best and hardiest plants may be produced by sowing seed in cold frames outside after danger of hard freezing is past. Transplant in garden or field when weather will permit, 20 to 30 inches apart for the small, early varieties, and from 2½ to 3½ feet apart for the large, late sorts. Some recommend planting the seeds in the field, 3 or 4 seeds in a hill and leaving the strongest plant. One ounce of seed will produce about 4,000 plants.

EARLY VARIETIES

COPENHAGEN MARKET. This is in our opinion the heaviest yielding and best quality cabbage that can be grown. A tremendous yield of smooth, round, even sized heads, valuable for either early or main crop use, and with wonderful hardiness and vitality. A result of the highly developed Danish system of breeding. The plant is short stemmed and compact, leaves medium light green, thick and smooth, heads averaging about ten pounds. **Pkt., 5c; oz., 20c; 1-lb., 75c; 1-lb., \$1.40; 1 lb., \$2.50, postpaid.**

SELECTED JERSEY WAKEFIELD. This is the earliest and most popular pointed head variety. The heads are hard, and the outer leaves small which permits close planting. The stem is short and the plants very hardy. **Pkt., 5c; oz., 15c; 1-lb., 50c; 1-lb., 90c; 1 lb., \$1.75, postpaid.**

WILL'S EARLY JUNE. This is the earliest flat-headed cabbage in cultivation. The head is solid and shapely, and forms early, making fair sized heads in from 60 to 70 days from seed. The plant is vigorous, drought resistant, and not subject to disease, which makes it especially desirable for all parts of the Northwest. **Pkt., 5c; oz., 20c; 1-lb., 70c; 1-lb., \$1.25; 1 lb., \$2.50, postpaid.**

For Cabbage Plants, see Page 78



Ey. Jersey Wakefield—Early June

Just want to tell you that my wife took first prize twice with canned vegetables raised from your seed—at Cavalier Mid-winter Fair.

Robert Flint, Cavalier, N. D.

CABBAGE (Continued)

EARLY EXPRESS. A very early variety forming small oval heads with round, thick leaves. It ranks close to Early June in earliness. **Pkt., 5c; oz., 20c; 1-lb., 70c; 1-lb., \$1.25; 1 lb., \$2.00, postpaid.**

HENDERSON'S EARLY SUMMER. Averaging double the size of Jersey Wakefield, this variety is but ten days later. The heads are somewhat flattened, compact and solid. This is one of the best large, second early-sorts. **Pkt., 5c; oz., 20c; 1-lb., 70c; 1-lb., \$1.30; 1 lb., \$2.25.**

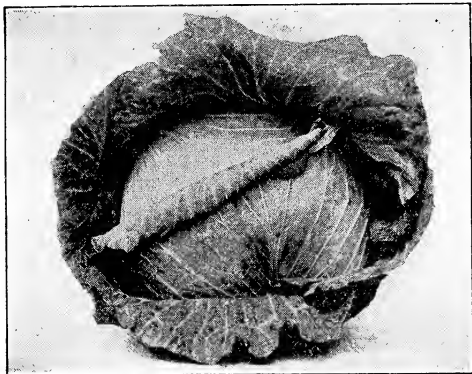
EARLY WINNINGSTADT. An old favorite; its hardiness permits early planting. The leaves are dark green and very tightly folded, the hardest of any early cabbage. The heads are pointed and suffer less from the cabbage worm than most other sorts. It is a good keeper and well liked for kraut. **Pkt., 5c; oz., 20c; 1-lb., 70c; 1-lb., \$1.25; 1 lb., \$2.30.**

LATE CABBAGE

WILL'S SELECTED PREMIUM FLAT DUTCH. One of the standard late varieties, low growing and a sure header. It forms very large, flattened heads, bluish green in color, compact and of handsome appearance. The quality is fine, the flavor excellent, and the inside leaves, when cut, are especially tender. This is a strong grower under adverse conditions. **Pkt., 5c; oz., 15c; 1-lb., 50c; 1-lb., 90c; 1 lb., \$1.70, postpaid.**

GLORY OF ENKHUIZEN. Next to the Copenhagen Market this is perhaps the most universally popular cabbage with both growers and users. It is later than the former, being intermediate between it and the Premium Flat Dutch. Plant is short stemmed, heads large, round and very solid with very few outer leaves. **Pkt., 5c; oz., 20c; 1-lb., 70c; 1-lb., \$1.25; 1-lb., \$2.00, postpaid.**

RED DRUMHEAD. The largest and best red cabbage. A sure header, the heads are round, solid, and deep red in color to the center. **Pkt., 5c; oz., 20c; 1-lb., 75c, postpaid.**



Selected Premium Flat Dutch

I find your seeds are excellent for this altitude, 8500 ft.

Mr. James Ainsley, Granby, Colo.



Danish Ballhead.

DANISH BALLHEAD CABBAGE. This distinct variety is extremely hardy and weighs more for its size than any other sort we have ever grown. The pale blue-green heads will average from eight to ten inches in diameter, are crisp, tender and sweet, and unexcelled for slaw and sauerkraut. While drought resistant, it will not rot in wet seasons. It is one of the best winter cabbages. **Pkt., 5c; oz., 20c; 1-lb., 70c; 1-lb., \$1.25; 1 lb., \$2.30.**

For preventatives against the cabbage worm pest, buy Slug Shot or Bug Death

We had a wonderful garden last year from your seeds; have used them for a great many years and have always had good success with them.

Hugh Lymburn, Hansboro, N. D.

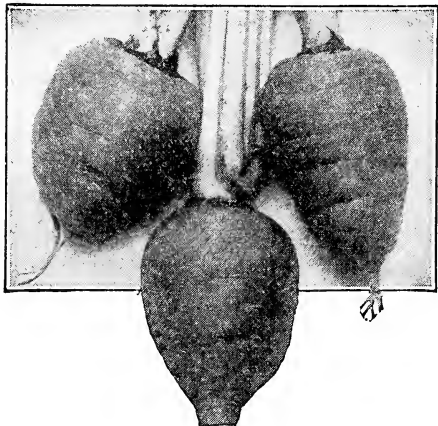
I sure tell my friends about the quality of your seeds. I am never disappointed in the results.

John E. Knie, Cresbard, S. D. R. No. 1.

Carrots

One ounce will sow 100 feet of drill; 3 to 4 pounds per acre.

CULTURE—Carrots to grow to perfection require a deeply cultivated, rich and well pulverized soil. Sow early in the spring as soon as the soil is fit to work, in drills 15 to 18 inches apart, covering one inch deep and press the soil firmly over the seed. If desired to cultivate with horse, make rows three feet apart.



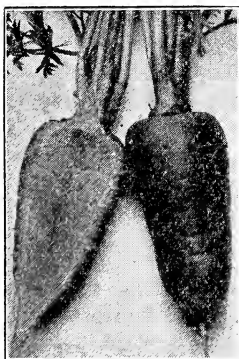
Oxheart

sweet and fine-grained. A very good keeper. Pkt., 5c; oz., 10c; 1-lb., 30c; 1 lb., 95c, postpaid. By express or freight, 5 lbs., \$4.50.

CHANTENAY CARROT. This is an excellent medium early half-long, stump rooted variety. The roots are smooth and are from 5 to 6 inches long, with rich orange-red flesh of the finest quality. It is a great favorite with the market gardeners. Pkt., 5c; oz., 10c; 1-lb., 35c; 1 lb., 65c; 1 lb., \$1.25, postpaid. 5 lbs., by express or freight, \$5.25.

EARLY HORN. This very early stump-rooted variety is fine grained and of agreeable flavor. It is a favorite for early spring planting and table use.

Pkt., 5c; oz., 15c; 1-lb., 45c; 1 lb., 80c; 1 lb., \$1.40, postpaid.



Danvers Half Long

FRENCH FORCING. The earliest variety, used largely for forcing. The tops are small and the roots almost round and about 2½ inches in diameter, orange-red in color. Pkt., 5c; oz., 15c; 1-lb., 45c; 1 lb., 80c; 1 lb., \$1.40, postpaid.



Chantenay

DANVERS HALF LONG. The best known second early, half-long sort, a great yielder and a first class carrot for all soils. The roots are smooth, from 6 to 8 inches long, tapering to a blunt point, a deep orange in color, with close textured flesh and little core. Although the roots are comparatively short, they yield as heavily as the larger sorts. Pkt., 5c; oz., 10c; 1-lb., 35c; 1 lb., 65c; 1 lb., \$1.25, postpaid. 5 lbs., by express or freight, \$5.25.

Since 1906 I bought my garden seeds from you and intend to do so all the time. Only one year I missed and you can bet I noticed a big difference.

Mr. Joseph Oberhofer, Bloomfield, Mont. R. No. 1.

Stock Carrots

GIANT WHITE OR BELGIAN

The stock carrot is one of our best feed crops. It is a remarkably efficient feed for all domestic animals but especially good for horses. This is the heaviest yielding variety. The roots are about 16 inches long, white under ground and green above. They grow about one-third above ground, and are easily lifted. Pkt., 5c; oz., 10c; 4-lb., 30c; ½-lb., 55c; 1 lb., \$1.00, postpaid. 5 lbs., by express or freight, \$4.25.



Giant White Carrot

Cauliflower

One of the Most Profitable Crops for Market and Small Gardeners

CULTURE—Cauliflower culture is practically the same as that of cabbage. One ounce of seed will produce about 3,000 plants, seed is started in cold frame and plants set in field during May or early in June. In spite of the general belief cauliflowers are just as easy to raise as cabbage.

We offer only Danish prize stock of cauliflower seed from selected strains.

DANISH PERFECTION. This is the very earliest cauliflower grown; heads small, round and uniform, quality excellent, keeping quality good. Can be placed on the market early to command the best price and is unexcelled for the home garden. A sure header, the inner leaves curl over, largely doing away with the need of tying up the heads. Pkt., 5c; oz., \$1.50.

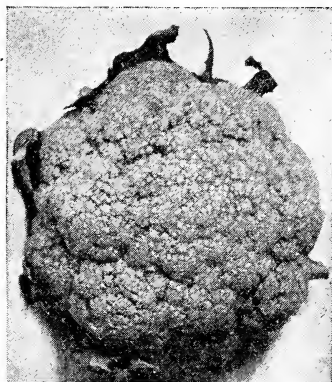
LARGE EARLY ERFURT. This is unquestionably the leading variety for market and private use. For reliability of heading, size and solidity of head, it has no superior. The plants are dwarf, and while the outer leaves are erect, the inner ones lap over the heads, fully shading them from the sun and preserving them a beautiful snowy white. Pkt., 5c; oz., \$1.50, postpaid.

SNOWBALL. The most productive early variety that can be grown, and hence very popular with those who grow for the market. Very uniform with medium sized, pure white heads of fine quality. Of the Early Paris type but very much superior. It has given us exceptional results in our own plantings. Pkt., 5c; oz., \$1.50.

DRY WEATHER CAULIFLOWER. A drought resistant sort of great merit, and especially valuable in the Northwest, where so many varieties of cauliflower fail to head on account of dry weather. Heads are very large and well protected by heavy leaves. Intermediate as to earliness. Pkt., 5c; oz., \$1.75, postpaid.

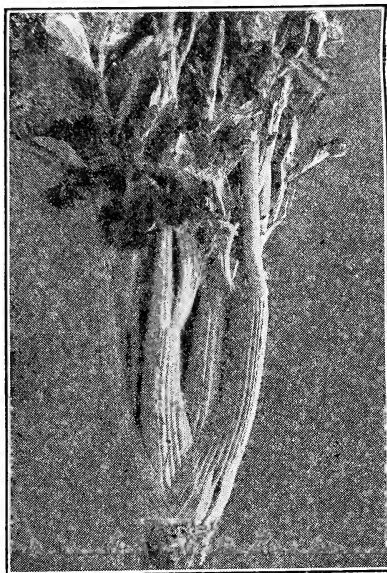


Danish Perfection



Dry Weather

For Cauliflower Plants, see Page 78



Golden Self-Blanching.

NEW ROSE. The best of the red or pink varieties. The delicate tracings of rose, shading with the white in the bleached stalk and heart, make this an ornamental table variety. It is early, hardy, solid, a good keeper, and rich and nutty in flavor. Pkt., 5c; oz., 15c; 1-lb., 55c; 1/2-lb., 90c; 1-lb., \$1.75, postpaid.



New Rose.

GIANT PASCAL. A compact, vigorous, productive variety. The stalks are very large and solid and blanch a beautiful yellowish white. Much in demand for market and a good keeper, it is one of the very best varieties for fall and winter. Pkt., 5c; oz., 20c; 1-lb., 60c; 1/2-lb., \$1.10, 1 lb., \$2.10, postpaid.

GIANT GOLDEN HEART. Its rich golden color, size, crispness and excellent flavor, combine with its unusual keeping qualities in making this sort a great favorite with gardeners. It is larger and a better keeper than the Dwarf Golden Heart variety. Pkt., 5c; oz., 20c; 1-lb., 60c; 1/2-lb., 90c; 1 lb., \$1.75, postpaid.

WHITE PLUME. One of the earliest varieties and most easily blanched. While not a very good keeper, it is one of the best sorts for fall and early winter. It grows rapidly and blanches readily during the summer. In fact the inner part of the stalk really needs no blanching at all, though the outer leaves are made more tender by it. Pkt., 5c; oz., 20c; 1-lb., 75c; 1/2-lb., \$1.40; 1 lb., \$2.50, postpaid.

CELERIAC OR TURNIP ROOTED CELERY. This is a celery of which only the root is used. Should be planted like other celery, but need not be banked up as the root is all that is used. An excellent vegetable for use in soups, stews and sauces, as it imparts a delicious flavor. Is good boiled separately. Pkt., 5c; oz., 15c; 1-lb., 50c.

For Celery Plants, see Page 73

Golden Heart
Giant

We have used your seeds for 6 years and like them fine.

Fremont Nelson, Plentywood, Mont.

Sweet Corn

One-fourth pound to 100 hills; 10 pounds per acre. One pound of sweet corn is a little more than a pint.

CULTURE—Plant in drills about three feet apart, one kernel every six inches, or in hills $2\frac{1}{2}$ feet apart in the row, and the rows three to three and one-half feet apart, dropping four or five kernels in a hill. Corn of any sort should not be planted until the ground has become warm as cold, wet ground is sure to rot the seed before it can germinate.

YELLOW ASSINIBOINE CORN—The Earliest Corn in the World. This very early yellow flour corn, a selection bred by us from the corn of the Canadian Assiniboine Indians, makes roasting ears a full week before Early June and at least two weeks before any other sweet corn. Being a flour corn it is the equal of sweet corn in quality and flavor. If this variety is used we venture to say that there is no place in the United States where roasting ears cannot be produced. Ripens fully in sixty days. **Pkt., 5c; $\frac{1}{2}$ -lb., 15c; $\frac{1}{4}$ -lb., 20c; 1 lb., 30c, postpaid.** By express or freight in lots of five lbs. or more at 10c.



Yellow Assiniboine

NUETTA—The Most Prolific and Hardest Sweet Corn in the World, a North Dakota Native Product. Our original seed was obtained from a Mandan Indian and we have selected it for the past nine years. It has proved to be very nearly as early as the Early June with much larger ears. It is the most productive variety we have and bears several ears to a stalk. The seed is red, but the ears when fit for eating are yellow and very sweet, rivalling the Golden Bantam. **Pkt., 5c; $\frac{1}{2}$ -lb., 15c; $\frac{1}{4}$ -lb., 20c; 1 lb., 30c, postpaid.** By express or freight, 5 lbs. or more, at 15c per lb.

WILL'S EARLY JUNE (Registered U. S. Patent Office)—The Earliest True Sweet Corn on Earth; Remember that we control the only GENUINE EARLY JUNE. A very dwarf and amazingly early variety bred by us for a short season, and a true and delicious sweet corn. Ears $4\frac{1}{2}$ to 6

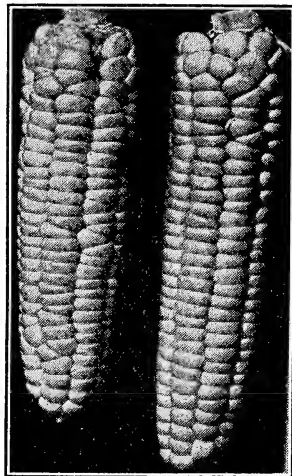
inches long. In great demand in Canada and in mountain regions where the season is very short, as well as by market gardeners and corn lovers who wish the longest possible succession of varieties. **Pkt., 5c; $\frac{1}{2}$ -lb., 15c; $\frac{1}{4}$ -lb., 20c; 1 lb., 30c; postpaid.** By express or freight in lots of 5 lbs., or more at 20c per lb.

I ordered seeds from your seed house last year and I have lived in this country 12 years and that is the finest corn or pumpkins I ever did raise. The seasons here are very short. Just 70 days from planting Nuetta Corn we had fine corn to eat and lots of it.

Harley Piper, Piper, Mont.

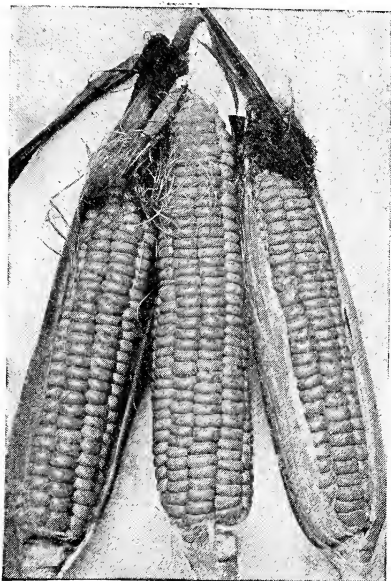
I wanted to order my garden seed from you but could not till after it was too late to plant the small seeds. We have ordered our seeds nearly every year from you for the last eight years and find them to be of the best so thought I couldn't do without some Early June Corn this year.

Mrs. Arthur I. Starnes, Fowler, Mont.



Will's Early June

See our Sweet Corn collection on Page 3 and back cover for colored illustrations.



Will's Banana Cream

SWEET CORN (Continued)

IMPROVED EARLY DAKOTA.

This is a northern grown selection of Mammoth White Cory and comes in after Nuetta. The largest eared variety of the extra early sorts and one of the best. Ears 10 to 12 rowed, 7 to 8 inches long, borne two to a stalk. A fine market garden variety. Pkt., 5c; 1-lb., 15c; 1-lb., 20c; 1 lb., 30c, postpaid. By express or freight, 5 lbs., or more at 17c per lb.

GOLDEN BANTAM. The finest sweet corn in cultivation, and the most popular. It is the sweetest and tenderest, a heavy producer and the ears remain edible for an unusually long time. Our strain is as good as the best. Pkt., 5c; 1-lb., 15c; 1-lb., 20c; 1 lb., 30c, postpaid. By express or freight, 10 lbs., \$1.50.

Would like to say we have had best results from the seeds we got from you. We think Golden Bantam sweet corn can't be beaten.

Mrs. Cora Ingersoll, Warba, Minn.

WILL'S BANANA CREAM. This is a medium late variety which follows Golden Bantam. It is an unusually delicious table corn with large, well filled ears, and the ears remain fit for table use longer than any other variety we have tested. Without question the best main crop for the Northwest. Pkt., 5c; 1-lb., 15c; 1-lb., 20c; 1 lb., 30c, postpaid. By express or freight, 10 lbs., \$1.50.

IMPROVED STOWELLS EVERGREEN. For many years Stowells Evergreen Corn has been the most prominent main crop variety. The ears are of medium size. The grains are deep, exceptionally tender and remain a long time in an edible condition. Pkt., 5c; 1-lb., 10c; 1-lb., 15c; 1 lb., 30c, postpaid. 10 lbs., \$1.40; 50 lbs., \$6.00. By express or freight.

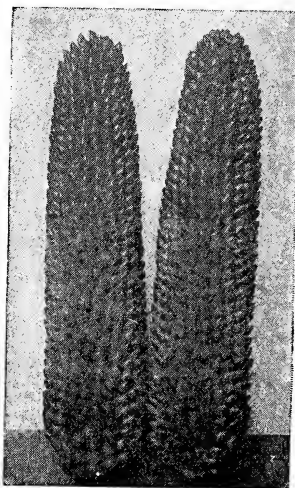
POP CORN

IRIQUOIS POP CORN. This is a variety of the rice type, obtained from the Iriquois Indians of New York several years ago. It has proved much earlier than the ordinary White Rice and a good yielder as well. Pkt., 5c; 1-lb., 15c; 1-lb., 20c; 1 lb., 30c, postpaid. By express or freight, 5 lbs., 80c.

GOLDEN TOM THUMB. This is the very earliest variety of Pop Corn grown, and so is exceptionally valuable in the Northwest. Not a heavy yielder and the ears are small, but the quality is excellent and it never fails. Pkt., 5c; 1-lb., 15c; 1-lb., 20c; 1 lb., 30c, postpaid. By express or freight, 5 lbs., 80c.

WHITE RICE. Pearly white, rice shaped kernels. We furnish only northern grown seed of the earliest type. No other will mature in the Northwest. Pkt., 5c; 1-lb., 10c; 1-lb., 15c; 1 lb., 25c, postpaid. By express or freight, 10 lbs., 75c.

JAPANESE HULLESS. This is a variety of wonderful quality for popping purposes, and always sells at a premium over the other sorts. It is, however, rather late and we have hesitated to catalog it on that account. A few years ago, however, we found an early strain which has now ripened with us for five years and we are this year offering some of our own grown seed. Pkt., 5c; 1-lb., 15c; 1-lb., 20c; 1 lb., 30c, postpaid. By express or freight, 5 lbs., 80c.



Iriquois Pop Corn

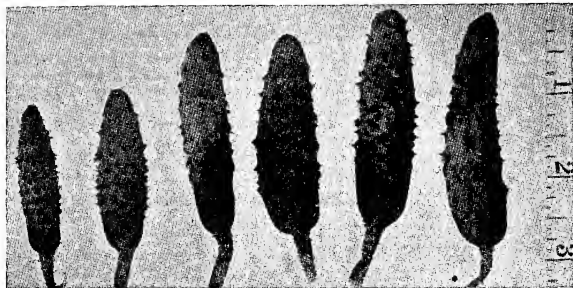
Have used your seeds ever since we have lived in Dakota (4 years), and they are fine.

Mary C. Royal, Straubville, N. D.

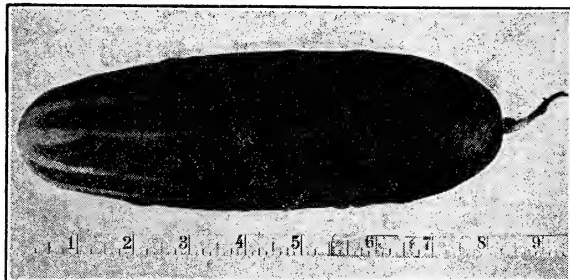
Cucumbers

One ounce of seed will plant fifty hills.

CULTURE—As soon as the weather becomes warm and settled in the spring, plant in well prepared soil in hills four or five feet apart each way with eight or ten seeds in a hill, cover one-half inch deep with soil well firmed to prevent too rapid evaporation. When plants are well developed weed out all but four or five of the strongest; thorough, but shallow cultivation is essential.



EARLY FORTUNE. Each year serves to demonstrate further the superiority of this superb variety. Extra early, of perfect quality for eating and shipping, uniform and well shaped for small pickles, with strong, healthy foliage and a vigorous growth which proves its strong resistance to all diseases. Does not wilt quickly, nor ripen up too fast, and is a tremendous yielder. In trials with all other American varieties it has stood out as supreme. **Pkt., 5c; oz., 10c; 1-lb., 30c; 1-lb., 55c; 1 lb., \$1.00, postpaid.**



DAVIS PERFECT. A grand variety. Dark, glossy, green, slim and symmetrical, with an average length of 10 to 12 inches. They hold color till nearly ripe, when they turn white without a yellow streak on them. Quality fine, as seeds are very soft when fit for table use. Very tender, brittle and of exceptional flavor. Early as earliest strain of White Spine and outyields all others. **Pkt., 5c; oz., 10c; 1-lb., 35c; 1-lb., 60c; 1 lb., \$1.05, postpaid.**

WEST INDIA GHERKIN. An old and very popular pickling variety. Remarkable for its small, short fruits which are produced in wonderful abundance. **Pkt., 5c; oz., 10c; 1-lb., 40c; 1-lb., 75c; 1 lb., \$1.40, postpaid.**

Early Fortune—Pickling and Market Sizes

EARLY CLUSTER. A pickling type often setting fruit in clusters of 2 or 3. **Pkt., 5c; oz., 10c; 1-lb., 35c; 1-lb., 60c; 1 lb., \$1.10.**

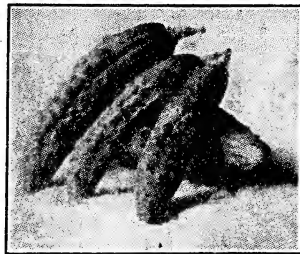
CHICAGO PICKLING. The old reliable variety for making small pickles; very profitable variety for those who sell to canners as it is used almost exclusively by the largest factories. We are able to make the price attractive. **Pkt., 5c; oz., 10c; 1-lb., 35c; 1-lb., 60c; 1 lb., \$1.00, postpaid.**

COOL AND CRISP. This is an unsurpassed pickling variety. Of even size and shape, fine grained and excellent flavor; it is sought for its pickling qualities. In addition it is a wonderfully productive yielder. **Pkt., 5c; oz., 10c; 1-lb., 35c; 1-lb., 60c; 1 lb., \$1.00.**

EARLIEST OF ALL. This is by all odds the very earliest cucumber of quality in cultivation, and has only been introduced for the past three years. At least a week earlier than the Early Fortune, though not as fine a fruit or good a keeper. Especially valuable to those who desire to be first on the market. **Pkt., 5c; oz., 10c; 1-lb., 35c; 1-lb., 60c; 1 lb., \$1.05.**



Earliest of All



Chicago Pickling

I have used your seeds for the past 3 years and have been well pleased with results, but last year I surpassed all my neighbors and surprised myself. I planted 10c worth of Early Cluster Cucumber seed and sold \$20.00 worth of cucumbers besides putting up 25 gallons for myself.

Mrs. Chas F. Faust, Moffit, N. D.

CUCUMBERS (Continued)



Improved Long Green

of its good keeping qualities and its uniformity of size and shape. **Pkt., 5c; oz., 10c; 1-lb., 35c; 1 lb., 95c, postpaid.**

JAPANESE CLIMBING. This variety is valuable either for pickling or market, but of most value as a producer of unusually long and well formed fruits. Especially adapted to training on a trellis, owing to its strong vines and tendrils. This method of growing increases the earliness and insures straighter and better shaped fruits. **Pkt., 5c; oz., 10c; 1-lb., 35c; 1-lb., 60c; 1 lb., \$1.10, postpaid.**

IMPROVED LONG GREEN. This is an old favorite variety which is difficult to equal among the later sorts. It produces a smooth, slender fruit of great length, with firm white flesh, which is almost a standard of table quality. An excellent keeper and a heavy yielder. **Pkt., 5c; oz., 10c; 1-lb., 35c; 1-lb., 65c; 1 lb., \$1.10, postpaid.**

WHITE WONDER. A splendid white variety. One of the handsomest cucumbers. The cucumbers are ivory white in color, of good keeping quality and average about eight inches in length and two and one-half inches through. **Pkt., 5c; oz., 10c; 1-lb., 35c; 1-lb., 65c; 1 lb., \$1.10, postpaid.**

ARLINGTON WHITE SPINE. One of the earliest and most productive of the famous white spine group. Fruit about seven inches long, rounded at both ends, and of bright deep green color. Very popular as a market variety on account



Arlington White Spine

Egg Plant



Black Beauty.

reasons. The fruit is a very uniform dark purple, the size is large and uniform, and the color and texture holds for an unusually long time. **Pkt., 5c; oz., 25c; 1-lb., 80c, postpaid.**

CULTURE—Sow the seed (which is slow to germinate) in hot bed or in pots or boxes in the house early in the spring. When all danger of frost is past, transplant in the open ground $2\frac{1}{2}$ to 3 feet apart each way.

Egg plant is one of the most delicious vegetables and, contrary to the general opinion, is very easy to raise. The early varieties only should be planted in the Northwest, but if they are used an abundance of ripe fruit is sure if the plants are started in good season.

EXTRA EARLY DWARF. This is the very earliest egg plant grown, ripening nearly two weeks before any of the late sorts. The fruit is perhaps even more delicious than the larger sorts, and it is altogether an exceedingly satisfactory sort for our section. **Pkt., 5c; oz., 40c; 1-lb., \$1.50, postpaid.**

BLACK BEAUTY. This is the very earliest of the large type egg plant, and is an excellent variety as well for several other

For Egg Plant Plants, see Page 78.

Your seeds are fine, the best I ever have had; had a fine garden last year.

Mrs. John McCormick, Mohall, N. D.

Lettuce

CULTURE—For very early use the seed may be sown in hotbed, and, as soon as the weather permits, may be sown in the open ground, in rows 18 inches apart and not over one-half inch deep. If planted too deep the seed will not germinate. Sow every two or three weeks for a succession. One ounce for 200 feet of drill.

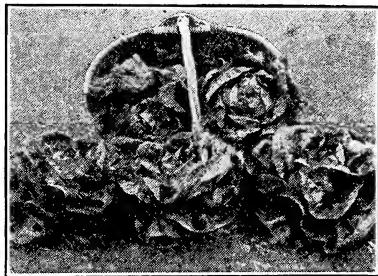
CURLED OR LOOSE HEAD VARIETIES

EARLY CURLED SIMPSON. An old favorite and perhaps our best leaf lettuce for outdoor planting. The green leaves are broad, much crinkled, crisp and tender. Very early, it keeps in prime condition and does not run to seed as quickly as many of the early sorts. **Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 65c; 1 lb., \$1.25, postpaid.**

PRIZEHEAD. This old favorite is undoubtedly the most easily grown variety in cultivation and excellent for the home garden. It is early, compact in growth, and stands heat. The leaves are much crumpled and frilled, bright green tinged with brownish red, very crisp and tender. **Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 65c; 1 lb., \$1.25, postpaid.**

TOMHANNOCK. An early erect variety. The leaves are very large, much blistered and crumpled, deep bright brown shading to a light green inside, crisp and fine flavored. **Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 65c; 1 lb., \$1.25, postpaid.**

GRAND RAPIDS FORCING. The favorite loose leaved forcing lettuce, and fine for early planting outside in this section. The leaves are light green, blistered and crumpled, with heavily fringed borders. **Pkt., 5c; oz., 15c; ¼-lb., 45c; ½-lb., 80c; 1 lb., \$1.50, postpaid.**



Early Curled Simpson



Detroit Market Gardener

DETROIT MARKET GARDENER. This variety is well adapted for outdoor growing or for forcing in the greenhouse and hotbed. Its best quality is perhaps its ability to stand high temperatures which makes it an ideal variety for second sowings in the home garden. The plant is compact, light green in color, with crisp, tender leaves. **Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 65c; 1 lb., \$1.25, postpaid.**

PARIS WHITE COS OR ROMAINE. This is a distinct type of lettuce with a conical, rather tight head, dark green in color with smooth, thick leaves. Blanches to a beautiful white inside when it becomes exceedingly crisp and sweet. **Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 65c; 1 lb., \$1.25, postpaid.**

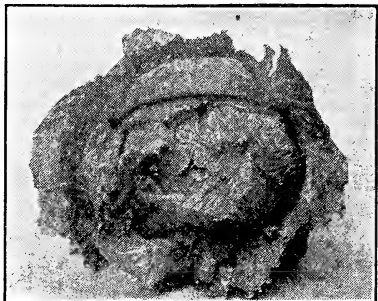
HEADING VARIETIES

MAY KING. An extremely early, compact heading variety. The leaves are a light yellowish green, just tinged with brown. Inner leaves blanch a golden yellow. The quality is fine and it is ready for use before any other head lettuce. Perhaps the best head lettuce for this section. **Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 65c; 1 lb., \$1.25, postpaid.**

CRISP-AS-ICE—HARTFORD BRONZE HEAD. The compact leaves are of medium size and slightly elongated, of excellent quality. The leaves are broad, crumpled, thick and stiff, and in color a dark green overlaid with bronze. **Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 65c; 1 lb., \$1.25, postpaid.**

BROWN DUTCH. A very hardy medium sized variety. The outer leaves are broad and thick, and tinged with bronze red. The firm head blanches a buttery yellow within, sweet and tender. **Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 65c; 1 lb., \$1.25, postpaid.**

IMPROVED HANSON. One of the most reliable, sure heading sorts. The heads are large; the leaves clear green, blistered and crumpled, with frilled borders. For planting outdoors this is one of the very best sorts, as it withstands heat and drouth and is a slow seeder. We recommend this variety. **Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 65c; 1 lb., \$1.30, postpaid.**



Improved Hanson

LETTUCE (Continued)



Tennisball

and vigorous. The outer leaves are broad, relatively smooth, and crisp; in color a light green tinged with brown. The heart blanches a greenish white tinged with yellow. **Pkt., 5c; oz., 10c; 1-lb., 35c; 1 lb., 65c; 1 lb., \$1.25, postpaid.**

ICEBERG. A large, crisp, cabbage-heading variety of good quality. The heads are firm and well blanching. The outer leaves are crumpled and blistered; in color a medium green with a faint brown tinge on the border. **Pkt., 5c; oz., 10c; 1-lb., 35c; 1 lb., 65c; 1 lb., \$1.25, postpaid.**

NEW YORK OR WONDERFUL. A large variety of fine quality, largely planted by commercial growers in Colorado. In color it is dark green. Withstands heat and is one of the best for the home garden. **Pkt., 5c; oz., 15c; 1-lb., 55c; 1-lb., \$1.05; 1 lb., \$2.00, postpaid.**

EARLY BLACK SEEDED TENNISBALL. One of the most reliable, sure-heading sorts. The heads are large, solid and of fine quality. The outside leaves are a clear dull green, broad and crumpled. The State Agricultural College reports that this variety was the only one in their trials that headed during the summer of 1921. **Pkt., 5c; oz., 10c; 1-lb., 30c; 1-lb., 50c; 1 lb., \$1.00, postpaid.**

WHITE SUMMER CABBAGE. A light green, vigorous, sure heading sort of large size and excellent quality. **Pkt., 5c; oz., 10c; 1-lb., 35c; 1-lb., 60c; 1 lb., \$1.20, postpaid.**

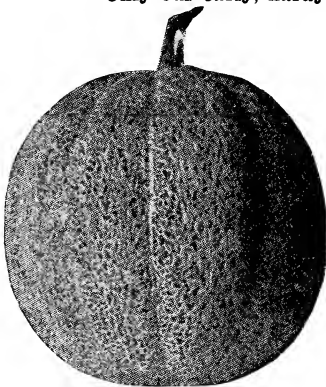
BIG BOSTON. One of the most popular and widely grown varieties. The plants are large, hardy and vigorous. The leaves are broad, relatively smooth, and crisp; in color a light green tinged with yellow. **Pkt., 5c; oz., 10c; 1-lb., 35c; 1 lb., 65c; 1 lb., \$1.25, postpaid.**

Muskmelon

One ounce of seed for fifty hills; 2 or 3 pounds per acre.

CULTURE—When the ground has become warm, plant in hills four or five feet apart each way, 6 to 12 seeds in a hill; when danger of insects is past, pull out all but three or four of the largest plants. Cultivate thoroughly the whole season, but not to exceed two inches deep, keeping the surface as smooth as possible.

Only our early, hardy melons are worth planting in the Northwest.



Gold Lined Rockyford

EXTRA EARLY HACKENSACK. It is a large sized deep ribbed, round melon, with thick green flesh of delicious flavor. It is the best of the large varieties. **Pkt., 5c; oz., 10c; 1-lb., 30c; 1-lb., 55c; 1 lb., \$1.00, postpaid.**

EMERALD GEM. An extremely early sort; the fruit is a rich emerald green. It is globular in shape and irregularly ribbed. The flesh is very thick, salmon colored, very sweet and luscious. The vines are hardy and very prolific. **Pkt., 5c; oz., 10c; 1-lb., 30c; 1-lb., 55c; 1 lb., \$1.00, postpaid.**

GOLD LINED ROCKYFORD (Eden Gem). A round, uniform sized, heavily netted muskmelon of finest quality, an excellent shipping sort and largely grown by market gardeners. The flesh is green, tinted yellow at the center. **Pkt., 5c; oz., 10c; 1-lb., 30c; 1-lb., 55c; 1 lb., \$1.00, postpaid.**

PAUL ROSE OR PETOSKEY. An oblong, deep green, extra good keeper and shipping salmon-fleshed melon. The fruit is oval and about five inches in diameter. The flesh is thick, firm and highly flavored. It represents the highest combination of flavor and keeping qualities. **Pkt., 5c; oz., 10c; 1-lb., 30c; 1-lb., 50c; 1 lb., \$1.00, postpaid.**

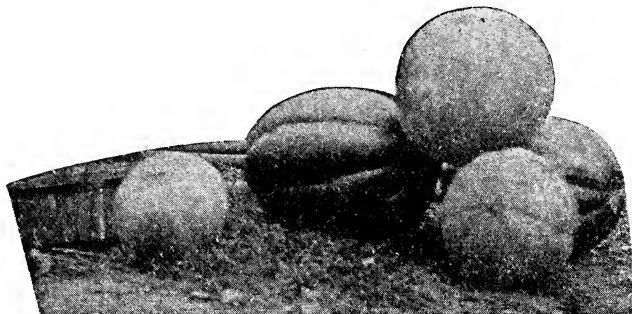


Emerald Gem

We have used your seed for several years and find them the genuine seed for this high altitude. We have had ripe Tomatoes and lots of Corn and Beans. Last year we raised some Mandan Squash.

Mrs. Annie Stingley, Heath, Mont.

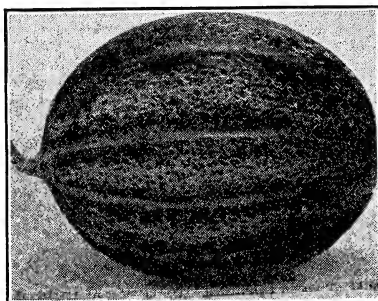
MUSKMELON (Continued)



Page's Early.

PAGE'S EARLY — The Earliest of All Muskmelons. Each year we become more firmly convinced of the value of this muskmelon to the Northwest. It is without question the very earliest variety grown, drouth resistant and a heavy yielder. By selection from the somewhat varied types present in the original stock we believe that we are improving the quality which at first was not of the best. We have a large stock of seed this year of our own raising from selected types. **Pkt., 5c; oz., 15c; 1-lb., 55c.**

EXTRA EARLY OSAGE. The earliest salmon fleshed variety and one of the very best sorts grown. The oval fruit is dark green, slightly ribbed and grey netted. The flesh is a rich orange-salmon, very thick with small seed cavity. This is a grand sort for our Northwestern conditions. **Pkt., 5c; oz., 10c; 1-lb., 35c; 1-lb., 65c; 1 lb., \$1.20, postpaid.**



Extra Early Osage.

MILLER'S CREAM. One of the best flavored varieties in cultivation and a favorite main crop sort for market gardeners and home use. The fruits are medium sized, oval, dark green, slightly ribbed and grey netted. The orange flesh is very thick. This variety holds its rich flavor much longer than most other sorts. **Pkt., 5c; oz., 10c; 1-lb., 30c; 1-lb., 55c; 1 lb., \$1.00, postpaid.**



Extra Early Knight.

EXTRA EARLY KNIGHT. Is the earliest muskmelon of quality we have ever had on trial. It is medium in size, oblong in shape, distinctly ribbed and well netted. The green flesh is thick, but crisp and firm; exceptionally sweet, of spicy flavor and rich aroma. It is a very productive sort and we are glad to offer it to our customers. **Pkt., 5c; oz., 10c; 1-lb., 35c; 1-lb., 65c; 1 lb., \$1.20, postpaid.**

VINE PEACH (Vegetable Orange or Mango Melon). This prolific fruit is the size of a medium orange and is used for sweet pickles, preserves and pies. When cooked it is used in every way as a Peach. **Pkt., 5c; oz., 20c; 1-lb., 50c, postpaid.**

GARDEN LEMON. The fruit is smaller than the Vine Peach, which it resembles in growth, but has a thinner flesh and more acid flavor. It is a novelty of value. **Pkt., 5c; oz., 20c; 1-lb., 50c, postpaid.**

I want to tell you about our garden for I think it was as good as any that I read about. All the seeds grew splendidly. From one pound of Great Northern beans we raised eighty pounds. We had lots of ripe Wills Sugar water melon and Early Knight musk melon.

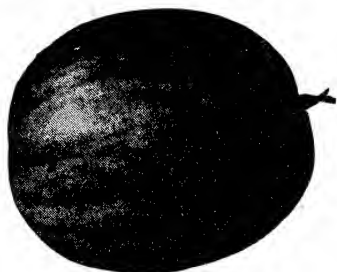
Mrs. C. H. Williams, Crary, N. D.

Selected Watermelons

One ounce of seed for 30 hills. 2 or 3 pounds per acre.

CULTURE—When the ground has become warm, plant in hills four or five feet apart each way, 6 to 12 seeds in a hill; when danger of insects is past, pull out all but three or four of the largest plants. Cultivate thoroughly, about two inches deep, until the vines cover the ground.

COLE'S EARLY. One of the earliest and best. It is very hardy, vigorous, and a sure cropper. The melons are of medium size, green with lighter stripes. The delicious quality of the bright red flesh is sustained clear to the thin rind. This is one of the best varieties ever offered. Pkt., 5c; oz., 10c; 1-lb., 25c; 1/2-lb., 45c; 1 lb., 85c, postpaid.



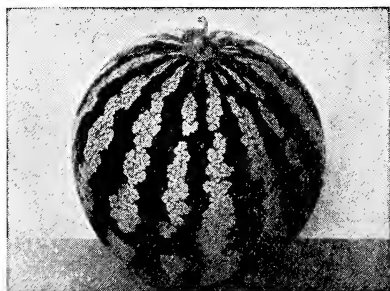
Cole's Early

PEERLESS OR ICE CREAM. Very early, a short oblong in shape. This is one of the best varieties for the North. The rind is thin, light green, mottled and veined with a darker shade. The flesh is bright scarlet and as sweet as honey. Pkt., 5c; oz., 10c; 1-lb., 25c; 1/2-lb., 45c; 1 lb., 85c, postpaid.

PHINNEY'S EARLY. The very earliest large, oval melon. The melons are oblong in shape, while the rind is so mottled with various shades of green as to present an almost scaly appearance. It is a very early sort, hardy and bears abundantly. The flesh is pink and tender. Pkt., 5c; oz., 10c; 1-lb., 30c; 1/2-lb., 50c; 1 lb., 85c, postpaid.



Kleckley Sweets.



Colorado Preserving Melon.

KLECKLEY SWEETS—MONTE CRISTO. This melon is fairly large, oblong and tapering toward the stem end. The rind is a very dark green. The flesh is scarlet and ripens nearly to the rind. This is one of the best and sweetest watermelons in cultivation. Pkt., 5c; oz., 10c; 1-lb., 25c; 1/2-lb., 45c; 1 lb., 85c, postpaid.

COLORADO PRESERVING MELON. This is quite distinct from the old fashioned citron as it is larger and more productive. The flesh is firm and solid, with but few seeds and makes preserves of finest flavor. Pkt., 5c; oz., 10c; 1-lb., 25c; 1/2-lb., 45c; 1 lb., 90c, postpaid.

CITRON. A round, handsome fruit of small size, with white solid flesh; it is used in making sweetmeats and preserves. Ours is the old standard strain. Pkt., 5c; oz., 10c; 1-lb., 25c; 1/2-lb., 45c; 1 lb., 90c, postpaid.

Last year we grew a crop of melons, a part of the seed we bought of you, Cole's Early and Will's Sugar, with the seed we had raised of our own we put in three acres and received \$1800.00 for our crop. This year we are putting in 25 acres of melons.

F. E. Neale, Van Hook, N. D.

I have planted your Watermelon seed for several years. I always had nice melons (and plenty of them) early.

Wm. W. Wolff, Brandenburg, Mont.

SELECTED WATERMELONS (Continued)

WILL'S SUGAR WATERMELON. This pioneer variety, which we introduced in 1892 still remains the favorite for the Northwest. It is the earliest melon grown, and combines with that very necessary quality hardness and heavy production. In sweetness it is surpassed by no melon grown, and the bright red flesh and small black seeds make a very pleasing contrast. We have never been able to grow enough of the seed to supply all demands. **Pkt., 5c; oz., 10c; 1-lb., 40c; 1-lb., 75c; 1 lb., \$1.45, postpaid.**



Field View of Will's Sugar Watermelon.

I sent for a 5c packet of Will's Sugar Sweet just for trial and had about 40 melons—all ripened and each one we ate we thought better than the last.

William Simpson, Ray, N. D.

OKRA

DWARF GREEN. A southern vegetable that is not difficult to raise in North Dakota. Start plants inside and transplant after frost is over. This is the earliest variety. **Pkt., 5c; oz., 10c; 1-lb., 25c, postpaid.**

PARSLEY

CULTURE—Soak the seeds a few hours in luke warm water and sow early in spring in drills one foot apart. Thin out the plants to about four inches. Cover the seed not more than one-half inch. Very slow to germinate, usually three weeks.

CHAMPION MOSS CURLED. Leaves beautifully curled and moss-like, of the richest green. **Pkt., 5c; oz., 10c; 1-lb., 25c; 1 lb., 80c, postpaid.**



Moss Curled Parsley.

TURNIP ROOTED. The roots, instead of the tops, are used for soups and flavoring meats, gives richer flavor. If cut into small pieces, is a delicious vegetable. **Pkt., 5c; oz., 10c, postpaid.**

NEW XXX PARSLEY. The wonderful dark green color and the exquisite fern-like appearance are remarkable. The habit of the plant is dwarf and compact. The flavor is the very best. **Pkt., 5c; oz., 10c; 1-lb., 30c, postpaid.**

RHUBARB OR PIE PLANT SEED

MONARCH. Ours is the most vigorous and productive variety known. The leaf stalks are very numerous, from 15 to 30 inches long and full 2 inches wide. They are tender, fine of flavor and excellent for preserving. **Pkt., 5c; oz., 15c; 1-lb., 55c; 1 lb., \$2.10.**

For Roots, see Page 82.

I am strongly in favor of your Monarch Rhubarb as the last years seed purchased from you made stalks from 10 to 18 inches long. Everyone who saw it complimented it very highly.

M. W. Petersen, Salt Creek, Wyo.

Will's Best American Grown Onion Seed

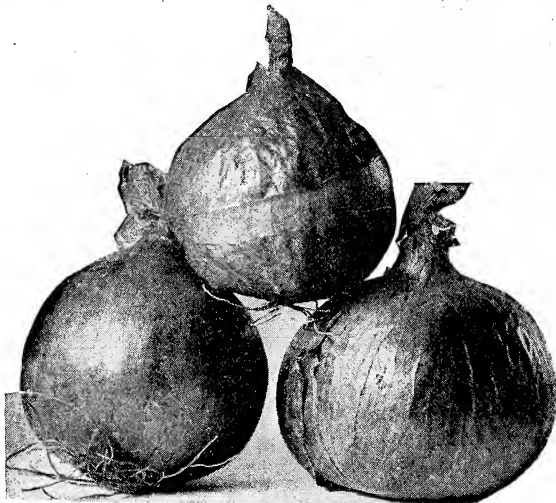
One ounce for 100 feet of drill, 4 to 5 pounds per acre.

CULTURE—Sow as early in the spring as ground can be worked, in drills 15 inches apart, covering one inch deep.

We wish to call special attention to our onion seed. Our prices will compare favorably with those of any other house, and our varieties and stocks are adapted to Northwestern conditions. All of our seed is 1922 crop except one lot of Silverskin which is crop of 1921 and tests 96% germination.

WILL'S DAKOTA GLOBE

We believe this to be the finest and best selected strain of Southport Yellow Globe, the most popular and most largely grown yellow onion. It is early, productive, uniform in its deep yellow color, true deep globe shape, with small neck, and an exceptionally



Will's Dakota Globe Onion.

THE MONEY MAKING ONION

good keeper. The flesh is white, crisp, and mild. An excellent onion to sow on breaking, and in every way adapted to our growing conditions in the Northwest. **Pkt., 5c; oz., 15c; 1-lb., 50c; 1-lb., 95c; 1 lb., \$1.80.** By express or freight, 5 lbs., \$7.75.

AUSTRALIAN BROWN. This variety is extremely early and a wonderful keeper. There are no scullions and the bulbs form very early. This heavy yielder is of medium size with amber brown skin and solid white flesh. Onions of this sort have been kept a year in good condition. **Pkt., 5c; oz., 15c; 1-lb., 45c; 1-lb., 85c; 1 lb., \$1.60, postpaid.** By express or freight, 5 lbs., \$6.75.

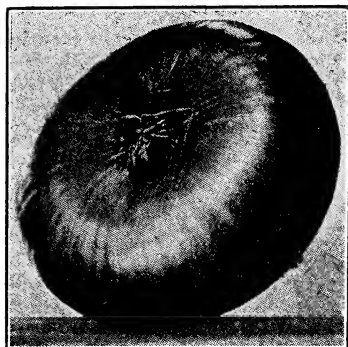
AILSA CRAIG. This largest of the English sorts has gained in popularity every year since its introduction into this country. The type is globular, with fine thin neck, and deep straw-colored skin. The flesh is very white, always tender and very mild. This is one of the largest and best of Onions. **Pkt., 5c; oz., 15c; 1-lb., 55c; 1-lb., \$1.00; 1 lb., \$1.90, postpaid.** By express or freight, 5 lbs., \$8.00.

BEST YELLOW PRIZETAKER. One of the largest onions grown and the mildest. It is productive and a sure cropper. The thin skin is a bright straw-yellow and the flesh is pure white. Our strain grows always to a perfect globe shape, the bulbs often attaining a weight of 2 pounds. **Pkt., 5c; oz., 15c; 1-lb., 55c; 1-lb., \$1.00; 1 lb., \$1.95, postpaid.** By express or freight, 5 lbs., \$9.00.

BEST YELLOW GLOBE DANVERS. This is a standard variety for winter use in all markets. Its skin is a rich orange yellow color. The flesh is pure white, crisp and mild in flavor. It is always a heavy yielder and because of its small neck cures well and makes splendid storage stock. Our selection is most carefully made, and fully equal to the best market garden varieties. **Pkt., 5c; oz., 15c; 1-lb., 50c; 1-lb., 95c; 1 lb., \$1.80, postpaid.** By express or freight, 5 lbs., \$7.75.

Had great success with your onion seed last year and intend ordering more later.

Mrs. P. J. Mahon, Williams, Minn.

WILL'S BEST AMERICAN GROWN ONION SEEDS—(Continued)**Red Wethersfield**

young, and more extensively grown for sets than any other white variety. It is the best keeper of the white onions and fine for fall and early winter use. Our stock is an absolutely pure northern grown strain. **Pkt., 5c; oz., 15c; 1-lb., 55c; 1-lb., 95c; 1 lb., \$1.95, postpaid. By express or freight, 5 lbs., \$7.25.**

BEST SOUTHPORT WHITE GLOBE. This pure white, thin skinned globe onion commands the highest market price. Our selected strain keeps well, is firm, fine-grained, and of mild flavor. **Pkt., 5c; oz., 25c; 1-lb., 80c; 1-lb., \$1.50; 1 lb., \$2.75, postpaid. By express or freight, 5 lbs., \$12.50.**

BEST NEW QUEEN. This is a small, rapid growing white onion used extensively for pickling and the table. It is a remarkable keeper. **Pkt., 5c; oz., 20c; 1-lb., 80c; 1-lb., \$1.50; 1 lb., \$2.75, postpaid.**

BEST SOUTHPORT LARGE RED GLOBE. The finest type and most popular of the red onions. Our thin neck strain ripens down to a thick, glossy purplish-red ball. It is a sure ripener, a good keeper, and very showy when cleaned for market. **Pkt., 5c; oz., 20c; 1-lb., 70c; 1-lb., \$1.20; 1 lb., \$2.35, postpaid. By express or freight, 5 lbs., \$10.25.**

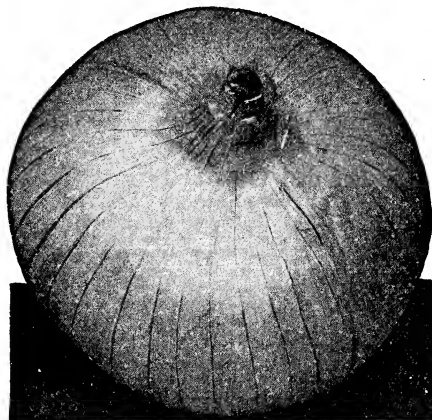
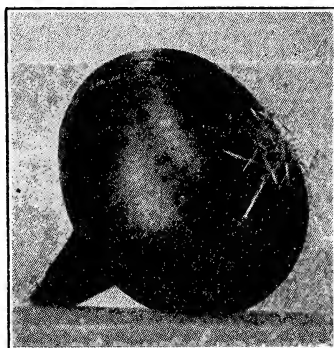
WELSH WINTER (Perennial). Plant this variety to get the earliest green onions. Seed may be sown either in fall or spring. The plants are perennial and live in the ground for years. Absolutely hardy, this is a money maker for the market gardener. **Pkt., 5c; oz., 20c; 1-lb., 70c; 1-lb., \$1.30; 1 lb., \$2.50, postpaid.**

CHIVES-SCHNITTLAUCH—Grass Onion. The perennial plants grow about ten inches high and the tops, which may be cut frequently, are used in salads and for flavoring soups and stews. **Pkt., 5c; oz., 50c.**

LARGE RED WETHERSFIELD. One of the oldest and best known strains, a sure and heavy yielder; it is one of the very best keepers. The type is large, rather flat, and of a deep purplish red. The flesh is pinkish white and strong flavored. It is the favorite for poor or dry soils. **Pkt., 5c; oz., 20c; 1-lb., 65c; 1-lb., \$1.15; 1 lb., \$2.25, postpaid. By express or freight, 5 lbs., \$9.75.**

BEST EXTRA EARLY RED BERMUDA. The onions grow to an immense size and are very broad and flat. The skin is very thin and pale red in color. The flesh is pinkish white, fine grained, crisp and very mild. It will grow an onion from 1 to 1½ pounds from seed and is very early and profitable. **Pkt., 5c; oz., 20c; 1-lb., 65c; 1-lb., \$1.15; 1 lb., \$2.25, postpaid. By express or freight, 5 lbs., \$9.50.**

WHITE PORTUGAL OR SILVERSKIN. The All Round Onion. A medium sized, flat, hard, and fine grained onion of mild flavor and clear white skin. A favorite for pickles and bunching green onions when

**White Portugal or Silverskin****Southport Red Globe**

I am sending to you for my seed this year. Have not raised any Onions for three years since I quit getting seed from you. Your seeds are the best for our country.

James W. Barrier, Brunelda, Mont.

Onion Sets

Unless otherwise instructed we shall hold onion set orders till danger of freezing is past.



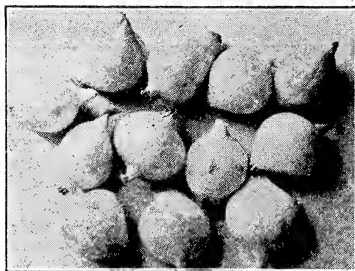
Red Bottom Onion Sets

BOTTOM ONION SETS. These are the product of seed planted closely to prevent full development.

OVERSIZE BOTTOM SETS. Red, Yellow and White, about $\frac{3}{4}$ to $1\frac{1}{4}$ in. in diameter. By express or freight, Pk., 75c; $\frac{1}{2}$ -bu., \$1.00; 1 bu., \$1.50.

YELLOW AND RED BOTTOM SETS. Fine, well cured North Dakota grown sets, either sort. Pt., 20c; qt., 30c, postpaid. By express or freight, pk, \$1.30; $\frac{1}{2}$ -bu., \$2.25; bu., \$4.00.

WHITE BOTTOM SETS. Preferred by some because of the color. Pt., 25c; qt., 35c, postpaid. By express or freight, pk., \$1.50; $\frac{1}{2}$ -bu., \$2.75; bu., \$5.00.



White Bottom Onion Sets

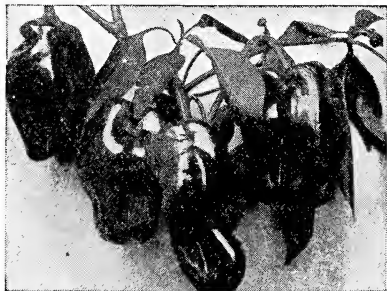
TOP OR WINTER ONION SETS. Perennial. Live in the ground all winter and start very early in the spring. Pt., 25c; qt., 40c postpaid. By express or freight, pk., (7 lbs.), \$1.50; bu., \$5.00.

MULTIPLIER ONIONS. Also called Bunch Onions or Potato Onions. Excellent for early Spring Onions. Pt., 30c; qt., 50c, postpaid. By express or freight, pk., \$1.75; bu., \$6.00.

GARLIC—Bavarian. Lb., 50c, postpaid.

Pepper

CULTURE—Sow the seed (which is slow to germinate) in hotbed or boxes in the house. When large enough transplant into other boxes and pots, and, when all danger of frost is past, transplant in the open ground in rows $2\frac{1}{2}$ feet apart, setting the plants about 18 inches apart in the row.



Neapolitan

HARRIS' EARLIEST. This is the earliest and most productive large variety. It has proven earlier and more productive than the Neapolitan at both the North Dakota and Minnesota Experiment Stations. In color a bright red when ripe. A noteworthy introduction. Pkt., 10c; oz., 50c, postpaid.

NEAPOLITAN. Previous to the introduction of Harris' Earliest generally regarded as the best pepper for the Northwest and two weeks earlier than any other sort. The fruit is four inches long and two inches thick, a bright red when ripe. It is one of the sweetest and mildest varieties and excellent for use when green. Pkt., 5c; oz., 35c, postpaid.

RUBY KING. One of the most dependable and satisfactory varieties for both home and market gardens. The fruits ripen early and quite often attain a length of five inches. The flesh is thick, sweet and mild. Fine for pickles and salads. Pkt., 5c; oz., 35c, postpaid.

LARGE BELL OR BULL NOSE. A standard early variety, and popular as a pickling sort. The scarlet fruits are three inches long and blunt ended. The flesh is thick and mild. Pkt., 5c; oz., 35c.

CHINESE GIANT. One of the largest of the mild red varieties, 4 to 5 inches in diameter and of equal length. When ripe the color is a brilliant scarlet. It is fairly early and prolific, tender, mild and sweet. Pkt., 5c; oz., 40c.

RED CAYENNE. The pods are long and slender, and when ripe a bright red, extremely strong and pungent. Pkt., 5c; oz., 35c.

For Hardy Pepper Plants, See Page 78.

Parsnips

One ounce for 200 feet of drill; 4 to 5 pounds per acre

CULTURE—Sow as early in the spring as possible, in rows 18 inches apart and about 1 inch deep. The ground should be deeply plowed and well cultivated. Thin to two inches as soon as the plants are large enough to handle.

IMPROVED GUERNSEY. This is the thicker, heavier type of parsnip. Fine grained and sweet flesh, especially after the first frost. Pkt., 5c; oz., 15c; ¼-lb., 45c; ½-lb., 85c; 1 lb., \$1.50, postpaid.

LONG SMOOTH OR HOLLOW CROWN. A great cropper, tender, sugary and considered one of the best for general cultivation. Parsnips are improved by remaining exposed to the frost. Pkt., 5c; oz., 15c; ¼-lb., 45c; ½-lb., 85c; 1 lb., \$1.50, postpaid.

Pumpkins for the Northwest

One ounce to 30 hills; three to four pounds per acre.

CULTURE—Plant in hills 6 to 8 feet apart, with 5 to 6 seeds in the hill, when the ground has become warm and weather favorable, giving same cultivation as to melons.



Fort Berthold

CONNECTICUT FIELD. A heavy yielder and probably planted with corn more than any other variety. The fruit is oblong, frequently 15 inches in diameter, with reddish orange skin and solid orange yellow flesh. Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 45c; 1 lb., 85c, postpaid.

GOLDEN OBLONG. Very Hardy and Productive. The skin is a rich, golden orange, thin but tough. The flesh is light golden yellow of fine quality. This is a fine keeper. Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 65c; 1 lb., \$1.20, postpaid.

SWEET POTATO. Of medium size and nearly bell-shaped; the flesh is a creamy white, fine grained, and rich—the very best pumpkin for cooking purposes. Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 50c; 1 lb., 95c, postpaid.

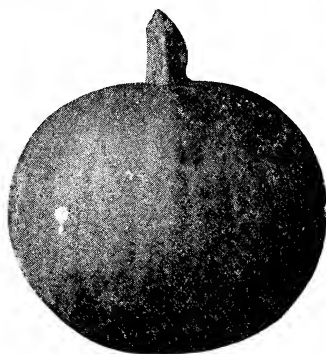
SWEET SUGAR OR NEW ENGLAND PIE. This is the earliest and surest of the common sorts, and by far the sweetest. Especially valuable for the making of pies. A small round pumpkin, dark orange in color with thick, dry, fine grained flesh. Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 50c; 1 lb., 90c, postpaid.

QUAKER PIE. A medium-sized variety with creamy white skin and flesh of excellent quality. It is very early, hardy, and productive and keeps late. Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 65c; 1 lb., \$1.20, postpaid.

KING OF MAMMOTS. The giant among pumpkins. Specimens have grown to weigh 150 pounds and to reach two feet in diameter. The flesh and skin are a bright golden yellow, fine-grained and excellent for cooking and pies. Pkt., 5c; oz., 10c; ¼-lb., 40c; ½-lb., 75c; 1 lb., \$1.40, postpaid.



Long Smooth



Sweet Sugar

The seeds we received from you last year were the best we have tried as our King of Mammoth Pumpkins weighed over fifty pounds.

L. A. Larson, Ulin, Minn. R. No. 3.

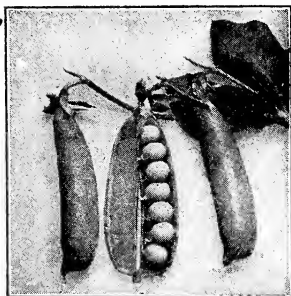
Will's Choicest Garden Peas

Two pounds for 100 feet of drill; 2 to 3 bushels in drills per acre.

CULTURE—Sow early in the spring in rows 18 to 24 inches apart. The peas will give quicker returns if covered only one inch deep, and where earliness is the most important they may be treated in that way, but longer pods and more of them will be produced if the seed is planted in trenches three to six inches deep and covered with one or two inches of soil. When the plants are five or six inches high, fill the trench level with the surface. Sow every two weeks for succession. They may be sown broadcast and plowed under.

EARLY VARIETIES, NOT DWARF

FIRST OF ALL. This is the earliest pea in cultivation. The seed is smooth and for that reason this variety may be sown two weeks earlier than any wrinkled sort as it will not rot in the ground. The vines grow to a height of 2½ feet. It is a very heavy and even cropper—can be cleaned at two pickings. This variety is a great favorite with gardeners for the early market. Pkt., 5c; ¼-lb., 15c; ½-lb., 20c; 1 lb., 35c, postpaid. By express or freight, 5 lbs., \$1.00; 10 lbs., \$1.75.



First of All

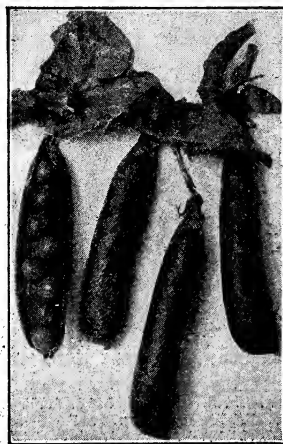
GRADUS OR PROSPERITY. This is one of the earliest of the large podded varieties. The vines reach a height of 3 feet, produce most abundantly, and bear throughout the season. The pods are nearly as large as those of the Telephone, and the tender Peas are of a most delicious flavor. It is the market gardener's favorite. Pkt., 5c; ¼-lb., 15c; ½-lb., 20c; 1 lb., 35c, postpaid. By express or freight, 5 lbs., \$1.10; 10 lbs., \$2.00.

LARGE PODDED EARLY DWARF OR BUSH VARIETIES

SUTTON'S EXCELSIOR. An improved NOTT'S EXCELSIOR, larger podded and more productive. Height 16 inches. The broad pods are light green, 3½ inches long, and contain 7 to 8 large bright green peas of very fine quality. Many regard this hardy variety as the best of the dwarf, first early sorts. Pkt., 5c; ¼-lb., 15c; ½-lb., 20c; 1 lb., 35c, postpaid. By express or freight, 5 lbs., \$1.10; 10 lbs., \$2.00.

LITTLE MARVEL. The earliest pea of the wrinkled seeded sorts we have ever tried, and an extra fine dwarf variety; probably the most satisfactory pea for the average home garden. The vines are 15 inches high, heavy with dark green pods usually set in pairs. The pods are filled with from 7 to 8 very dark green peas of high quality. Pkt., 5c; ¼-lb., 15c; ½-lb., 20c; 1 lb., 35c, postpaid. By express or freight, 5 lbs., \$1.15; 10 lbs., \$2.10.

MCLEAN'S LITTLE GEM. An early dwarf pea of delicious flavor, excellent for family use. The vines are about 18 inches in height and produce an abundance of pods from 2½ to 3 inches long. The peas are borne at the top of the stalk and are easily gathered. They are delicious and are sweeter than others of the dwarf varieties. Pkt., 5c; ¼-lb., 15c; ½-lb., 20c; 1 lb., 35c. By express or freight, 5 lbs., \$1.00; 10 lbs., \$1.90.



Sutton's Excelsior

KEEP THIS BOOK FOR CULTURAL DIRECTIONS.

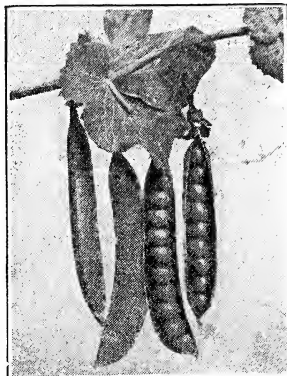
This is my 3rd. order. I would not use anything else now.

Frank Bryant, Coteau, N. D.

WILL'S CHOICEST GARDEN PEAS

PETER PAN. The best of the large podded dwarf extra early Peas. The vines are from 15 to 18 inches high and are wonderfully productive of large pods from 4 to 4½ inches long which contain from 9 to 10 bluish-green peas of the highest quality. It is one of the best new sorts. Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1 lb., 35c, postpaid. By express or freight, 5 lbs., \$1.20; 10 lbs., \$2.20.

PIONEER. An improved type of Laxtonian; this fine early dwarf variety bears an immense crop of very large pods containing eight to nine rich green peas. This is one of the best sorts for the home or market garden. Pkt., 5c; ¼-lb., 15c; ½-lb., 20c; 1 lb., 35c, postpaid. By express or freight, 5 lbs., \$1.20; 10 lbs., \$2.20.



Peter Pan

EDIBLE PODDED VARIETIES

DWARF WHITE SUGAR. Height 2 feet. The pods are light green, 3 inches long, pointed and narrow; quite early. The pods are picked when the peas are forming, and broken and cooked like string beans. Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1 lb., 40c, postpaid. By express or freight, 5 lbs., \$1.25; 10 lbs., \$2.25.

MAIN CROP VARIETIES

PRINCE OF WALES. This standard main crop variety gives very heavy yields. The vines grow about 2½ feet high, bearing an abundance of very large peas of fine quality. Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1 lb., 35c, postpaid. By express or freight, 5 lbs., \$1.00; 10 lbs., \$1.90.

BLISS' EVERBEARING. If the pods are picked as they mature, the vines will continue to branch and bear, giving the variety its name. It grows to a height of 2½ feet and as many as 100 pods have been counted on a single vine.



Pioneer

The peas are large and sweet and packed tightly in the pods. Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1 lb., 35c, postpaid. By express or freight, 5 lbs., \$1.00; 10 lbs., \$1.75.

SUTTON'S PERFECTION. One of the best, and the most productive, of the main crop peas. The vines are 2½ feet high, very sturdy and strong. The pods are 4½ inches long, broad, straight, pointed, and medium light green, containing 8 to 9 very large, sweet, bright green peas. All that its name implies both for the market gardener and the home garden. Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1 lb., 35c, postpaid. By express or freight, 5 lbs., \$1.15; 10 lbs., \$2.10.

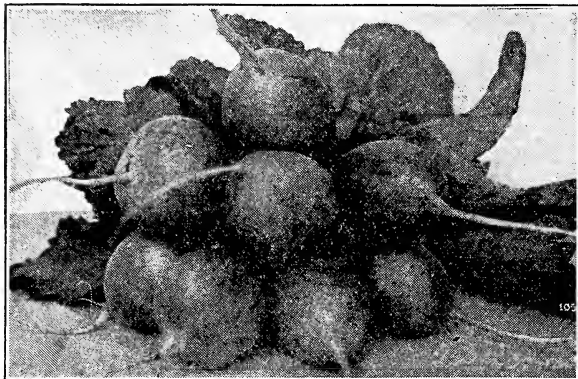
CHAMPION OF ENGLAND. Although the whole race of wrinkled peas has come from this old variety, no selection has surpassed it in quality or sweetness. The vines grow about four feet high and yield very large pods of most delicious flavor. Our strain has been carefully selected and will be found superior. Pkt., 5c; ¼-lb., 15c; ½-lb., 20c; 1 lb., 35c, postpaid. By express or freight, 5 lbs., \$1.00; 10 lbs., \$1.90.



Sutton's Perfection

IF YOU WANT PEAS IN LARGER LOTS, WRITE FOR PRICES.

WILL'S NORTHERN GROWN RADISH SEED



Will's Early Carmine.

CULTURE—For early use the seed may be sown in hotbed. For open ground culture, sow in the spring as soon as the ground can be worked, in drills 10 to 12 inches apart. Sow every two weeks for a succession.

WILL'S EARLY CARMINE.

Our old reliable extra early sort which has so long been the favorite throughout the Northwest. A bright carmine in color, almost round in shape, very early, mild and lasts well for an early sort, crisp and tender. **Pkt., 5c; oz., 10c; 1-lb., 30c; 1-lb., 55c; 1 lb., \$1.00, postpaid.**

EARLY SCARLET GLOBE.

The market gardener's variety. One of the earliest forcing radishes and does equally well outside. The bright scarlet roots are fair sized, globe shaped and with very small top. We have as good a stock of this superb variety as is grown. **Pkt., 5c; oz., 10c; 1-lb., 35c; 1-lb., 55c; 1 lb., \$1.05, postpaid.**

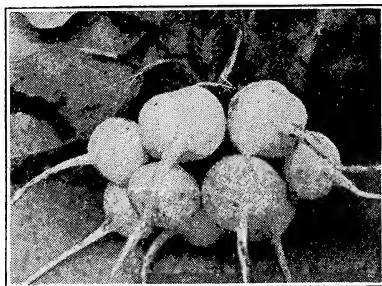


Saxa.

SAXA. The earliest of the forcing radishes, it is fit for eating twenty days after planting. It is round, bright scarlet, with the smallest possible top. The demand for this variety has increased annually since we first listed it in 1918. **Pkt., 5c; oz., 10c; 1-lb., 35c; 1-lb., 70c; 1 lb., \$1.35, postpaid.**

MIXED RADISH SEED.

This is a mixture of a number of sorts which we are offering at a very attractive price. This is a very satisfactory way to plant radishes, as the early ones when taken out thin the rows for the later sorts. **Pkt., 5c; oz., 10c; 1-lb., 25c; 1-lb., 45c; 1 lb., 85c, postpaid.**



Model Box.

MODEL BOX. White radishes are invariably better keepers and last longer in the field than other sorts. Model Box is a white, turnip-shaped radish, the very earliest white variety and is ready for use in 30 days. Pure white, crisp, and mild. **Pkt., 5c; oz., 10c; 1-lb., 35c; 1-lb., 55c; 1 lb., \$1.00, postpaid.**



Sparkler

SPARKLER—Improved Scarlet Turnip, White Tipped. This extra early strain is perhaps the most attractive radish we have. The color is a rich carmine scarlet with well defined tip of purest white. The flesh is solid and crisp, and remains fit for use as long as some of the coarser varieties. Largely grown by market gardeners both because of its earliness and its quality. **Pkt., 5c; oz., 10c; 1-lb., 35c; 1-lb., 55c; 1 lb., \$1.05, postpaid.**

THERE IS NO COMPARISON BETWEEN SOUTHERN GROWN RADISH SEED AND OUR NORTHERN GROWN STOCKS.

Please send me 2 Pkts. Saxa Radish seed. I find them the best radish I have ever tried.

Mr. George D. Spafard, Argenta, Mont.

WILL'S NORTHERN GROWN RADISH SEED

FRENCH BREAKFAST. A half long, very crisp, and quick growing radish. In color it is a bright rose scarlet with blunt white tip. It is very early, a great favorite on the market and unexcelled for the home garden. Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 55c; 1 lb., \$1.05, postpaid.



French Breakfast

FIREBALL-NON PLUS ULTRA. An early round radish of bright scarlet color and pure white flesh, crisp, tender, and of the very best flavor. It has few and short leaves which permits close growing. Very desirable for the home garden and a money maker for the market gardener. Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 55c; 1 lb., \$1.05, postpaid.



Icicle

LONG SCARLET SHORT TOP. The old reliable long red variety. The tops are short, the roots smooth, slender and uniform. The color is attractive and they are in great demand for the market. Pkt., 5c; oz., 10c; ¼-lb., 25c; ½-lb., 50c; 1 lb., 90c, postpaid.

ICICLE. The finest of the early, pure white varieties. Their long slender form and pure white skin make them very attractive. They are unusually crisp and tender and preserve these qualities much longer than the red sorts. One of the most desirable sorts for outdoor summer planting. Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 55c; 1 lb., \$1.00, postpaid.

CHARTIER, OR SHEPHERD. An old favorite and a very handsome sort. The roots are a deep scarlet at the top, shading off to a pure white at the tip. They are fit for use when very small and, as they mature later than most of the red sorts, are fit for use for a very long time. Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 50c; 1 lb., 95c, postpaid.

GLASS OR CINCINNATI MARKET. A long, slender, bright red radish with white tip. The flesh is white, almost transparent, brittle and crisp, and remains fit for use through a long period. Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 50c; 1 lb., 95c, postpaid.

WHITE STRASBURG. One of the best large, white later summer sorts for home garden and market. The roots are about 5 inches long, thick at the shoulder, and abruptly tapering. They are firm and crisp and remain so longer than most sorts. Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 55c; 1 lb., \$1.05, postpaid.



Black Spanish

BLACK SPANISH WINTER. One of the latest as well as the hardiest of radishes. The skin is black and the flesh white, solid, crisp, and pungent. Keeps well all winter. Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 55c; 1 lb., \$1.05, postpaid.

CHINA ROSE WINTER. One of the very best winter radishes. The roots are cylindrical and blunt at both ends. The skin is a bright deep rose color and the flesh white and very crisp. Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 55c; 1 lb., \$1.05, postpaid.

Salsify or Oyster Plant

CULTURE—Sow as early as the ground can be worked, in drills 12 to 15 inches apart, one inch deep. One ounce to one hundred feet.

MAMMOTH SANDWICH ISLAND. This is an improved type of salsify. The roots are double the size of the old variety and of equally good quality and delicate flavor. It is a favorite in the market. **Pkt., 5c; oz., 15c; 1-lb., 45c; 1-lb., 80c; 1 lb., \$1.50, postpaid.**



Bloomsdale Spinach

BLOOMSDALE OR SAVOY LEAVED. (Norfolk Savoy). This is the earliest and hardiest variety. The plant is of upright growth and the broad, pointed, crinkled leaves are very thick and a glossy green. This sort yields a heavy crop and keeps well after cutting. **Pkt., 5c; oz., 10c; 1-lb., 20c; 1-lb., 30c; 1 lb., 55c, postpaid.**

LONG STANDING. A late maturing sort which is not inclined to run to seed. The plant is very large with broad, arrow-shaped, nearly smooth leaves. **Pkt., 5c; oz., 10c; 1-lb., 20c; 1-lb., 30c; 1 lb., 55c, postpaid.**



New Zealand Spinach

COMSTOCK SPANISH. This grand Wisconsin variety is absolutely the best for the Northwest. The plant is very hardy and the leaf large and perfect. Easily raised if started indoors about the same time as tomatoes. North Dakota grown seed. **Pkt., 5c; oz., 35c, postpaid.**

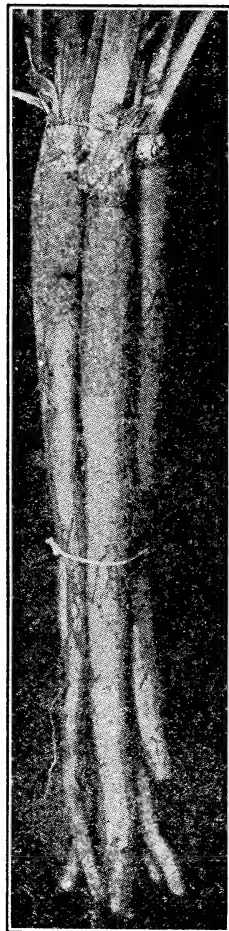
LONG SMOOTH WHITE. The original Oyster Plant, is still the most commonly cultivated, and many claim that it has a stronger and richer oyster flavor than the Sandwich Island variety. We have a carefully selected strain. **Pkt., 5c; oz., 15c; 1-lb., 45c; 1-lb., 80c; 1 lb., \$1.50, postpaid.**

SPINACH

One ounce for 100 feet of drill.

CULTURE—Sow in early spring, in drills 12 to 15 inches apart, covering not more than one inch deep. Sow two weeks apart, for succession.

NEW ZEALAND. Unlike most spinach it thrives during hot weather and in any soil rich or poor. As the leaves are picked off, the stalk will produce new shoots and yield a continuous supply of greens. We consider this sort the best for the Northwest. Plant 3 or 4 seeds in a hill; hills 2 feet apart each way. Germination may be hastened by soaking seed in warm water for 24 hours. **Pkt., 5c; oz., 10c; 1-lb., 30c; 1-lb., 55c; 1 lb., \$1.00, postpaid.**



Sandwich Island Salsify

Tobacco

Must recommend the New Zealand Spinach as the best ever. Keeps good until frost.

Mrs. Chas. E. Pask, Walhalla, N. D.

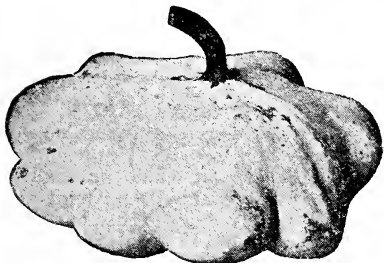
Squashes

Early and Hardy Varieties for the Northwest

CULTURE—One ounce to 25 hills, summer, and one ounce to ten hills, winter. Plant the hills in the same manner and the same time as melons and cucumbers, the bush varieties three to four feet apart and the running kind seven to eight feet apart.

To keep squash, store in a warm dry place.

SUMMMER SQUASH



White Bush Scalloped

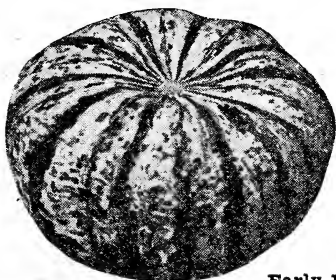
MAMMOTH WHITE BUSH—Cymling or Patty Pan. A very early summer squash. It is flattened and scalloped, comparatively smooth on the surface and creamy white in color. The flesh is thick and very fine in quality. Pkt., 5c; oz., 10c; 1-lb., 35c; 1-lb., 55c; 1 lb., \$1.00, postpaid.

IMPROVED SUMMER CROCKNECK. A new variety as early as the common Crockneck and much larger, sometimes attaining a length of two feet. It is heavily warted and of bright golden color. The plants are bushy and very prolific. The squashes are brittle and tender, and command the highest price on the market. Pkt., 5c; oz., 10c; 1-lb., 35c; 1-lb., 65c; 1 lb., \$1.20, postpaid.

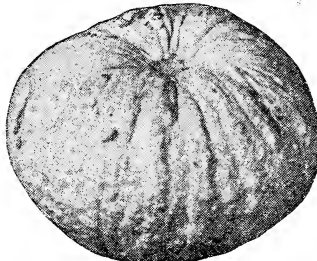
GOLDEN CUSTARD—Mammoth Yellow Bush. This variety is very early and prolific, and the fruits are frequently from 12 to 14 inches in diameter. The skin is a rich golden-orange, and the flesh is a creamy-yellow. It is a selection of real merit. Pkt., 5c; oz., 10c; 1-lb., 35c; 1-lb., 65c; 1 lb., \$1.20, postpaid.

GENERAL PURPOSE SQUASH

EARLY MANDAN SQUASH—The Very Earliest Squash in the World. This wonderful



Early Mandan Squash



little squash, obtained by us from the Mandan Indians, has proved to be the most valuable vine crop yet introduced by us. It will ripen almost anywhere, notably in the Montana mountains where squashes had never before been grown. It is hardy and drouth resistant, and withal of good quality. Delicious if used

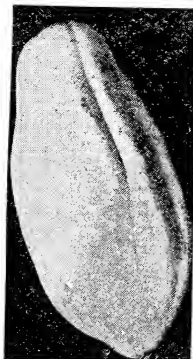
green like a summer squash and equally good if fried or boiled. An excellent keeper. The Indians dry large quantities every fall. Pkt., 10c; oz., 30c.

FORDHOOK. A desirable variety for both summer and winter use. The type is small and oblong, averaging nine inches in length, slightly ridged. The skin is smooth, thin and yellow. The seed cavity is very small and the unusually thick straw colored flesh is extremely dry and sweet. The squashes will keep to June in a dry room, yet in a green state they rival the best summer varieties. Our strain is early, hardy and reliable. Pkt., 5c; oz., 10c; 1-lb., 35c; 1-lb., 65c; 1 lb., \$1.20, postpaid.

I surely do like your garden seeds.

Mrs. Fred Schwede, Aurelia, N. D.

Mrs. A. E. Knutson of White Earth, N. D. furnished us with a recipe for making sweet pickles of Mandan Squash. We shall be glad to give it to anyone interested.



Fordhook

Winter Squash

WINNEBAGO. When we introduced this variety two years ago we called it the finest baking and general cooking squash we had ever tried. It still is. The original seed came from the Winnebago Indians through Dr. M. R. Gilmore of the N. D. State Historical Society. The squash is elongated, a greenish black in color, and a good keeper. The bright orange flesh is thick, very dry and sweet, and less stringy than any other squash we have ever sampled. Pkt., 10c; oz., 25c, postpaid.

Last year I bought a packet Winnebago Squash seed and I raised one that just lacked $\frac{1}{4}$ inch of being one yard long. Your catalog don't near do it justice, it is so fine—the best I ever tasted.

Mary E. Smith, Bowbells, N. D.



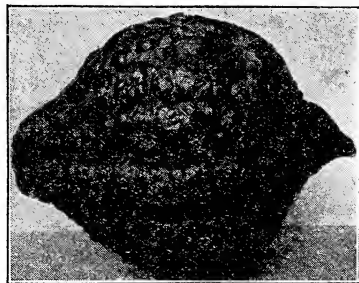
Arikara Winter

ARIKARA WINTER. If you want the earliest large winter squash, the squash that will set fruit and outyield all others under drouth conditions, and will keep to the first of May, plant the Arikara. The shell is salmon varied with blue green; flesh orange tinged with green, of firm texture and good quality. We obtained our original seed from the Fort Berthold Indians who have grown this variety for many generations. Pkt., 5c; oz., 20c; 4-lb., 70c, postpaid.

RED OR GOLDEN HUBBARD. This is a sport from the true Hubbard, and quite like its parent in form and habit, but decidedly earlier. The shell is moderately warted, hard, strong, and a bright orange red in color. The flesh is deep orange, dry and of splendid quality. This is a superior table variety and an excellent keeper. Pkt., 5c; oz., 10c; 4-lb., 35c; 1-lb., 65c; 1 lb., \$1.20, postpaid.

IMPROVED HUBBARD. The standard winter squash more extensively grown for the market than any other variety. The fruits are large, heavy and moderately warted. The shell is a dark bronze-green; flesh bright yellow, fine-grained, dry and sweet. Its quality is the standard of excellence. Our seed is a superior strain as the result of careful selection over a long period of years. Pkt., 5c; oz., 10c; 4-lb., 35c; 1-lb., 65c; 1 lb., \$1.25, postpaid.

MAMMOTH CHILI. Squashes of this great variety commonly weigh 75 pounds, and have been grown as large as upwards of 150 pounds. The skin is a rich orange-yellow. The yellow flesh is very thick and highly nutritious. It is of the highest value as a stock food. An acre will yield from 8 to 15 tons, thus furnishing a cheap and nutritious feed. It is



Improved Hubbard

grown for exhibition purposes and carries off many prizes. Pkt., 5c; oz., 10c; 4-lb., 35c; 1-lb., 65c; 1 lb., \$1.25, postpaid.

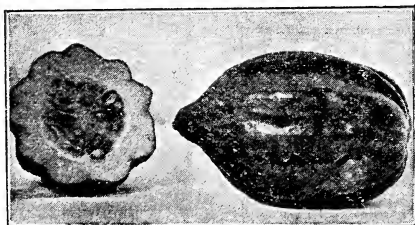


Table Queen

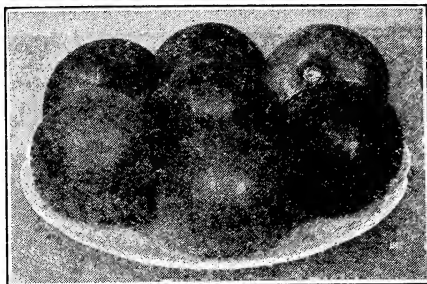
TABLE QUEEN OR DES MOINES. A small, very productive variety of many desirable qualities. Its size is particularly desirable as one squash makes a meal for a hungry person. The thin shell is ribbed and a very dark green in color. The rich golden flesh is very thick and the seed cavity small. A good keeper, the quality is excellent. Pkt., 5c; oz., 15c; 4-lb., 50c; 1-lb., 95c; 1 lb., \$1.80, postpaid.

Will's Best Tomatoes

CULTURE—Sow in hotbed or shallow boxes in the house in early spring; when plants are large enough, transplant in hotbed or boxes and when all danger from frost is past, transplant in open ground about four feet apart each way.

EARLY AND HARDY VARIETIES FOR NORTHERN GARDENS

MILLET'S DAKOTA. This fine, extra early sort was originated several years ago by Mr. John W. Millet of our city. In earliness it is about the same as the very earliest strains of selected Earliana. In hardiness and drouth resistance it is much superior. The fruit is of medium size, smooth, uniform shape and colored a rich deep scarlet. The flesh is thick and delicious, entirely free from any acid flavor. The vines are not rank, but bear the heaviest of any of the extra early sorts. Do not let the fact of earliness get away from you; in the Northwest it is all important and in no better way can you insure ripe tomatoes than by planting Millet's Dakota. Pkt., 5c; oz., 40c; 1-lb., \$1.50, postpaid.

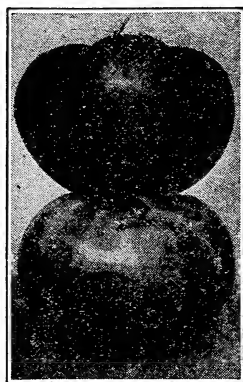


Millet's Dakota

BONNY BEST. Very nearly as early as Millet's and Earliana, the bright deep scarlet fruits ripen more evenly than do those of any other early scarlet variety, and are of superior solidity and interior color. A good yielder and most attractive in shape and color. Pkt., 5c; oz., 25c; 1-lb., 90c, postpaid.

EARLIANA (Selected Early Strain). One of the earliest and best of the early varieties. It is very productive for an early sort. The fruit is fair sized, round, very smooth and solid, and produced in clusters in the center of the plant. The color is a bright scarlet. It is an old standard sort and still a favorite. Pkt., 5c; oz., 30c; 1-lb., \$1.00, postpaid.

CHALK'S EARLY JEWEL. Perhaps the best second early scarlet fruited variety for the Northwest. Extensively used for canning and on account of its large size, excellent quality and productiveness a most satisfactory sort for the home garden. Pkt., 5c; oz., 15c; 1-lb., 55c, postpaid.



Selected Earliana

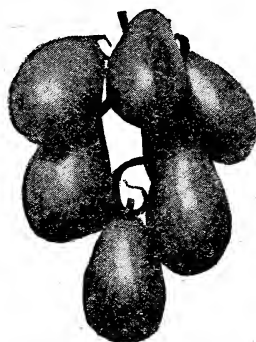
ACME. An old favorite, hardy, early and productive; fruit of good size, round and smooth; color purplish pink. Pkt., 5c; oz., 15c; 1-lb., 55c, postpaid.

GOLDEN QUEEN. "Queen of all the Yellows." It is very prolific, ripens early, and is solid, always smooth, entirely free from ridges, large in size and delicious in flavor. It is fine for slicing. Pkt., 5c; oz., 30c, postpaid.

YELLOW PLUM. A beautiful sort, much resembling a plum in size and shape, widely used for preserving. Pkt., 5c; oz., 35c, postpaid.

RED CHERRY. The fruits are very small, about the size of a large cherry, smooth and round. It bears early and freely until frost, and is used for preserving. Pkt., 5c; oz., 40c, postpaid.

PINK PEACH. This excellent sort resembles a peach in size and shape. The surface of the fruit is covered with a down much like its namesake. It makes delicious preserves and pickles. Size about the same as most early sorts, and excellent to eat fresh. Pkt., 5c; oz., 35c, postpaid.



Yellow Plum

For Tomato Plants, See Page 78.

TOMATOES—(Continued)

STRAWBERRY, GROUND CHERRY, OR HUSK TOMATO. This variety is unequalled for canning, preserving or making pies. Dried in sugar as raisins or figs they are unexcelled. The vines cover the ground and yield enormously. The fruits are half an inch in diameter and enclosed in a husk. **Pkt., 5c; oz., 35c, postpaid.**

YELLOW PEAR. This variety is used entirely for pickling and preserves. It is delicate in flesh and flavor. **Pkt., 5c; oz., 40c, postpaid.**

VALUABLE STANDARD VARIETIES

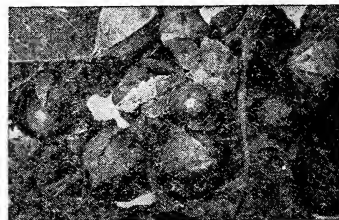
All of the selected sorts, listed below are priced as follows: **Pkt., 5c; oz., 15c; 1-lb., 55c, postpaid.**

STONE. This is the standard main crop sort for truckers and canners. Plants very vigorous and productive, fruit round, smooth, solid and deep red.

JOHN BAER. An early producer and very popular variety.

NEW CORELESS. The most perfect shaped canning variety. Fine for slicing.

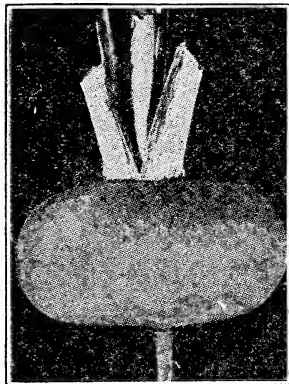
For Tomato Plants, see Page 78.



Strawberry or Ground Cherry

Will's Best Turnips and Rutabagas

TURNIPS



White Flat Dutch

CULTURE—Sow seed early in the spring for the summer crop and about the middle of July for late crop. May be sown in drills or broadcast. 1 ounce will sow 150 feet of row; 1 to 2 pounds to the acre.

EARLY WHITE FLAT DUTCH. A very early flat turnip of medium size and clear white skin. The flesh is very white, fine grained and sweet. One of the most popular sorts for home or market. **Pkt., 5c; oz., 10c; 1-lb., 20c; 1-lb., 35c; 1 lb., 50c, postpaid.**

EXTRA EARLY WHITE MILAN. The earliest turnip; can be used spring or fall. The creamy white roots are medium sized, flat and uniform. The white flesh is fine grained, tender and sweet, of splendid quality. **Pkt., 5c; oz., 10c; 1-lb., 30c; 1-lb., 55c; 1 lb., \$1.00, postpaid.**

YELLOW ABERDEEN. A globe-shaped, medium sized, yellow sort. The yellow flesh is nutritious, tender and sweet. This variety is noted for its keeping qualities. **Pkt., 5c; oz., 10c; 1-lb., 20c; 1-lb., 35c; 1 lb., 50c, postpaid.**

PURPLE TOP WHITE GLOBE. A good sized, globe-shaped variety, of fine appearance, a good producer and a fine keeper. The flesh is firm, fine grained, tender and sweet. **Pkt., 5c; oz., 10c; 1-lb., 25c; 1-lb., 45c; 1 lb., 80c, postpaid.**

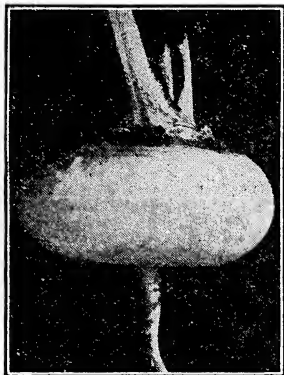
EXTRA EARLY PURPLE TOP MILAN. Almost as early as the White Milan and of splendid quality. The roots are of medium size, flat and white with purple top, with white flesh. Its growth is very uniform. **Pkt., 5c; oz., 10c; 1-lb., 30c; 1-lb., 55c; 1 lb., \$1.00, postpaid.**

WHITE EGG. A very early snow white variety. The oval roots are of medium size and particularly smooth, and will not crack as readily as the flat varieties. The flesh is firm and fine-grained and particularly desirable for table use. **Pkt., 5c; oz., 10c; 1-lb., 20c; 1-lb., 35c; 1 lb., 50c, postpaid.**



White Egg

TURNIPS—(Continued)



Purple Top Strap-Leaf

PURPLE TOP STRAP-LEAF. The most widely cultivated and best known variety. The roots are flat, medium sized, purple above ground and white below. The flesh is white, fine grained and tender. It is a quick grower and very productive. **Pkt., 5c; oz., 10c; 1-lb., 30c; 1-lb., 55c; 1 lb., \$1.00, postpaid.**

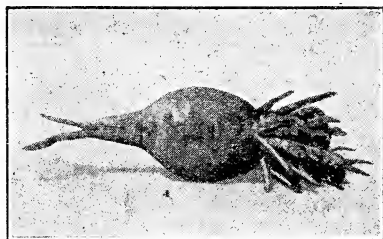
RUTABAGAS

CULTURE—Sow latter part of June or first of July. If drilled in, rows should be about 20 inches apart and frequent cultivation will increase the yield. One ounce to 250 feet of drill; 1½ pounds per acre if drilled, and 2½ pounds if broadcast.

WILL'S IMPROVED AMERICAN PURPLE TOP YELLOW. The roots are large, globular in form, with small neck, and very small tap root. The color is a bright yellow with a purple top. The flesh is very solid, yellow, tender and sweet. Our strain is very hardy and especially adapted for broadcasting on new breaking. **Pkt., 5c; oz., 10c; 1-lb., 20c; 1-lb., 35c; 1 lb., 65c, postpaid. By express or freight, 5 lbs., \$2.75.**

FAJBJERG BANGHOLM. We first introduced this wonderful variety from Denmark some nine years ago. Our strain has the Danish government's certificate of "First Class Stock." It is somewhat inclined to the Purple Top strain and is exceedingly solid and crisp. It is the sweetest rutabaga in cultivation, a very heavy yielder and a splendid keeper. **Pkt., 5c; oz., 10c; 1-lb., 25c; 1-lb., 40c; 1 lb., 70c, postpaid. By express or freight, 5 lbs., \$3.00.**

WHITE SWEET RUSSIAN. One of the sweetest and best of the white Rutabagas. The roots are very large, globe-shaped, and white with a greenish shade at the top. The flesh is white, firm, and sweet and keeps remarkably well. **Pkt., 5c; oz., 10c; 1-lb., 25c; 1-lb., 40c; 1 lb., 75c, postpaid. By express or freight, 5 lbs., \$3.25.**



Will's Improved

Herbs

ANISE. Used in garnishing and flavoring. The seeds are aromatic. **Pkt., 5c; oz., 25c.**

BASIL—(Sweet). Leaves used for flavoring soups and stews. **Pkt., 5c; oz., 25c.**

CARAWAY. Grown for seeds which are used in flavoring. **Pkt., 5c; oz., 15c.**

CATNIP. Leaves used for seasoning. Plant this and make your cat happy. **Pkt., 5c.**

CORIANDER. The seeds are used in making candy. **Pkt., 5c.**

DILL. The seeds are used for pickling cucumbers. **Pkt., 5c; oz., 10c.**

FENNEL. The leaves boiled are used in sauces. **Pkt., 5c.**

HOREHOUND. Used for seasoning and as a cough remedy. **Pkt., 5c.**

HYSSOP. Very aromatic plant with blue flowers. Used in soup. **Pkt., 5c.**

LAVENDER. Its flowers are used in perfumery. **Pkt., 5c.**

MUSTARD. (Large White Seeded). Seed used in flavoring pickles. **Pkt., 5c; oz., 10c.**

ROSEMARY. Aromatic leaves used for seasoning. **Pkt., 5c.**

SAFFRON. Used in coloring certain dishes and also for flavoring. **Pkt., 5c.**

SAGE. The most extensively used herb for seasoning and stuffing. **Pkt., 5c; oz., 40c.**

SUMMER SAVORY. Leaves and flowers used to flavor soups and dressings. **Pkt., 5c; oz., 25c.**

SWEET MARJORAM. Leaves and ends of shoots used for seasoning, both green and dried. **Pkt., 5c; oz., 50c.**

THYME. A tea made of leaves is a remedy for headache. **Pkt., 5c.**

WORMWOOD. Beneficial for poultry; should be planted in poultry yards. **Pkt., 5c.**

North Dakota Grown Seed Potatoes

**All Potato Prices Subject to Market Changes. Write for Prices on Large Lots.
We Do Not Ship Potatoes Until Danger of Frost Is Over**

For Northwestern planters early potatoes are invariably the best crop and we are this year listing Rural New Yorker for our latest variety. Burbanks are altogether too late for our climate. We have dropped our White Swan and are offering the Rural instead. The White Swan seems to have run out with us and our stock is lacking in several respects. We are working with another main crop white potato which we hope to be able to offer in two or three years.

There is an old saying that the proper time to plant potatoes is after a year when they have been unusually low. We have a good stock of high grade seed this year which we are offering at unusually low prices, and we believe it will be a good spring to plant potatoes.

Treat your seed with formaldehyde—write us for prices on it and directions for using it.

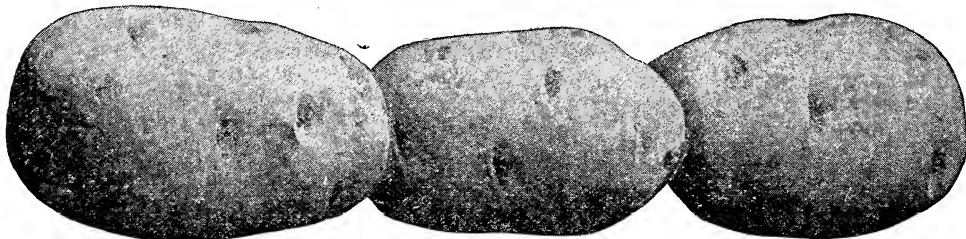
NORTH DAKOTA SELECTED EXTRA EARLY OHIO SEED POTATOES



The Standard Seed Potato of the Nation

The Early Ohio is the standard potato of the country. Early, a heavy yielder, uniform in size and probably unexcelled in eating qualities by any other variety; it is always the leader. Our stock is of the best selected strain, of good shape, smooth and clean. Our stock is grown in the Missouri Valley of North Dakota, the best seed raising section in the Northwest, and we believe it to be unsurpassed in qualities that go to constitute good potato seed. **Pkt. 50c; ½-bu., 70c; bu., \$1.25; 5 bu., \$6.00; Ask for prices on larger lots.**

NORTH DAKOTA SELECTED EARLY IDAHO SEED POTATOES

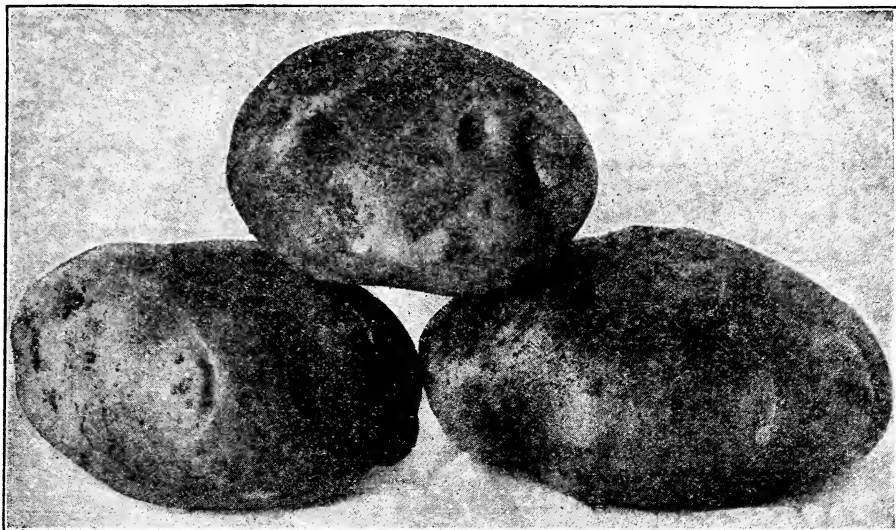


The Earliest Potato Grown

This is the very earliest potato that we have even seen. The first seed was obtained from Moscow, Idaho, several years ago, which gave us the name. In appearance it resembles the Early Ohio, but is somewhat smaller and ten days earlier. The potatoes are formed in a compact bunch in the hill which permits of closer planting, a desirable feature for the small gardener. The tubers are of exceptionally good quality from the first. **By express or freight, pk., 50c; ½-bu., 75c; bu., \$1.30; 5 bu., \$6.25.**

I just received my seed potatoes from you today and am sure satisfied with same.

E. Lange, Helper, Utah.



SELECTED RURAL NEW YORKER SEED POTATOES

The Best Main Crop Sort

As a main crop potato we are offering this year the Rural New Yorker, a medium late white potato, which has, to a marked extent, all of the good points of the later white sorts. It is of round, slightly flattened type, even in size and a very heavy yielder. The tubers have but very few and shallow eyes which adds to its smoothness and eating qualities, and the flavor is excellent. It is just late enough for our climate, being considerably earlier than the Burbank. **By express or freight, pk., 40c; ½-bu., 70c; bu., \$1.20; 5 bu., \$5.75.**

SELECTED IRISH COBBLERS

A Tremendous Yielder in Good Soil.

The Cobbler is undoubtedly the best early white potato grown. Skin is creamy white, flesh mealy and very good quality, maturity nearly the same as Early Ohio; tubers nearly round, smooth and uniform. **By express or freight, pk., 50c; ½-bu., 70c; bu., \$1.25; 5 bu., \$6.00.**

Potato Eyes

(By Mail or Express)

Plant about 8,000 to 12,000 to the acre.

Unless the season is very dry these eyes, properly cut with a deep wedge of flesh as we cut them, will produce very nearly as good results as the whole potatoes. For those who live at a considerable distance, in view of the present high transportation rates, and for those who are far from express or freight offices, potatoes in this form for planting are invaluable.

We do not forward until danger from frost is past unless especially directed to ship on a given date.

EARLY IDAHO POTATO EYES, per 100, 50c, postpaid; by express, per 1,000, \$4.00.

EARLY OHIO POTATO EYES, per 100, 50c, postpaid; by express, per 1,000, \$4.00.

IRISH COBBLER POTATO EYES, per 100, 50c; postpaid; by express, per 1,000, \$4.00.

RURAL NEW YORKER POTATO EYES, per 100, 50c, postpaid; by express, per 1,000, \$4.00.

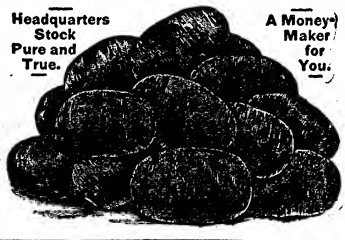
For Insecticides and Fungicides, see Page 50.

Crow New Varieties of POTATOES

from the True Seed Ball Seed. There's money in it, and fun galore. No product so interesting—none may be of such value. The result will be amazingly diversified—

Headquarters
Stock
Pure and
True.

A Money-
Maker
for
You.



potatoes of all conceivable colors, shapes and sizes—50 or more new varieties. One may make your fortune. This may be your last chance to obtain this rapidly vanishing seed. Please tell your friends.

Packet with full Directions for Growing, 15 cts. 4 for 50 cts. 10 for \$1.00.



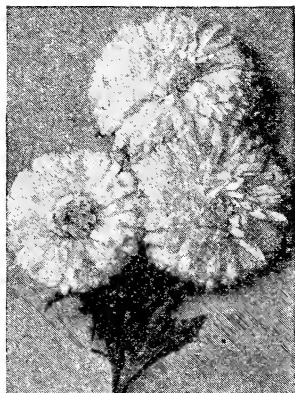
A Few Suggestions on the Growing of Flower Seeds and the Treatment of the Young Plant.

If plants are desired early the seed should be sown indoors in a shallow box or flower pot in light sandy loam. Best results may be had by mixing two parts black loam, one part sand, and one part decomposed stable manure. The soil should be well firmed in the box or pot and the seeds scattered over the smooth surface. Press the seeds into the soil and sprinkle with fine light soil to cover. Covering should never exceed twice the diameter of the seed. For the first few waterings cover the surface with cotton cloth to prevent seeds washing out of place. Temperature should be as near 80 degrees as possible. Light, fresh air and sunshine are essential.

As soon as second leaves appear, plants should be transplanted to other boxes or open ground to permit hardy, stocky growth. Plants should be watered freely until firmly rooted.

In sowing seed in the open ground the same care should be taken, but the seed should be covered a little deeper. The earth should be made slightly firmer and never allowed to dry out or crust over until plants have appeared.

Asters



Purity

PURITY-WHITE DAY-BREAK. An early flowering, strong, bushy variety of very even growth, about 20 inches in height. The full round flowers are of the purest snowy white. Fine for bedding. Pkt., 10c; 1-oz., 40c.

DAYBREAK. This early flowering variety is a compact strong grower about 20 inches tall with soft pink, ball-like blooms. Pkt., 10c; 1-oz., 40c.

CRIMSON CREGO. A mid-season variety of the branching type growing about 2 feet tall. The crimson flowers are commonly 4 to 5 inches across, borne on stems 12 inches long. A fine all round sort. Pkt., 5c; 1-oz., 35c.

LAVENDER CREGO.—Season, form and habit the same as the Crimson Crego but with lavender blossoms. Pkt., 5c; 1-oz., 35c.

JAPANESE. A mid-season, giant flowering variety of branching habit growing about 2 feet high. The long narrow petals bend and curl on each other to make this the fluffiest Aster of them all. All colors mixed. Pkt., 5c; 1-oz., 30c.

AGERATUM. One of the best border and bedding plants, blooming from early summer to frost. Grow 10 inches tall. Blue Perfection, Pkt., 5c; 1-oz., 15c. Album White, Pkt., 5c; 1-oz., 15c.

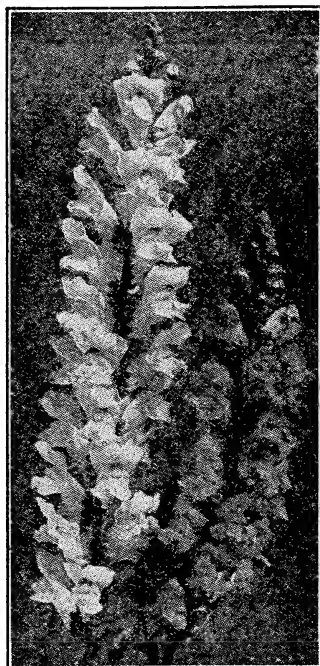
ALYSSUM. One of the finest annuals we have for edging, very dwarf and blooming from early in the season until frost.

Sweet Alyssum (Maritimum). Honey scented white blossoms. Pkt., 5c; 1-oz., 15c.

Lilac Queen. Deep lavender, lilac blossoms. Pkt., 5c; 1-oz., 25c.

ANTIRRHINUM OR NEW GIANT SNAP DRAGON. They are easily raised from seed in any sunny bed. The flowers of our new strain are produced on long spikes which makes them valuable for cutting. Spring seedlings bloom by midsummer and if cut freely the flowering is continuous until fall. They may be then taken up, cut back, and will bloom in the house during the winter. Our offering comprises a mixture of all colors, from light pink to a gorgeous glowing scarlet. Pkt., 5c; 1-oz., 20c.

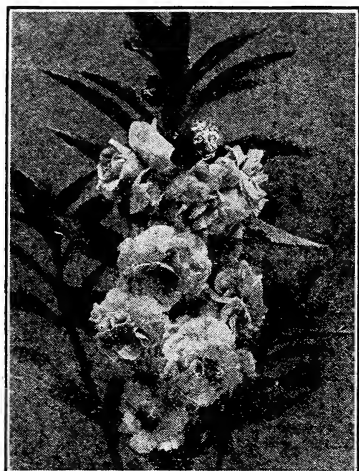
For Aster Plants, see Page 76.



Antirrhinum or Snapdragon

BACHELOR'S BUTTON—CORN FLOWER. Our mixture has been so perfected that fully 70 per cent of the flowers are double. This is among the most attractive of all hardy annuals and one of the most popular of the old-fashioned flowers. **Pkt., 5c.**

BALLOON VINE. Remarkable for the inflated appearance of its seed pods, and sometimes called "Love-in-a-puff." The flower is insignificant, but the plant is a rapid and graceful climber. **Pkt., 5c; oz., 25c.**



Balsam

BALSAM—LADY SLIPPER. An old favorite, it likes hot sun, rich soil, and plenty of water. In return it will give its brilliant masses of beautiful double flowers in greatest profusion. **Pkt., 5c; ½-oz., 20c.**

BEANS—SCARLET RUNNER. This old time favorite is a rapid growing annual climber, reaching a height of 10 to 12 feet and bearing sprays of brilliant scarlet pea like blossoms. **Pkt., 5c; ½-lb., 20c; 1-lb., 35c; 1 lb., 60c.**

SPIDER PLANT OR BEE BALM. This is a native annual which is very hardy, growing on poor and dry soils, as well as in alkali and gumbo where little else thrives. A large bushy plant reaching a height of two to four feet, and covered in August with spider like purple or lavender flowers. **Pkt., 5c.**

CALENDULA—POT MARIGOLD. One of the best and showiest hardy annuals, growing anywhere, and blooming from mid-summer until killed by frost. Our strain is extremely showy with large double flowers of intense glowing colors. **Pkt., 5c; ½-oz., 15c.**

CALLIOPSIS-TICKSEED. A showy and free flowering annual, blooming all summer and excellent for cutting and massing. We offer a mixture of the finest strains. **Pkt., 5c; ½-oz., 20c.**

CANARY BIRD FLOWER. A beautiful climber with a charming little canary-colored blossom bearing a slight resemblance to a bird with the wings half extended. **Pkt., 5c; oz., 30c.**

CANDYTUFT. GIANT FLOWERING MIXED. This justly popular annual is of easiest culture and flowers profusely throughout the whole season. The flowers of our strain are nearly double the size of the old varieties and fairly cover the plants, which are useful in beds, pots, or borders. **Pkt., 5c; ½-oz., 20c.**

CANNA—CROZY'S DWARF. This is an ever-blooming, large flowering French strain and blooms freely the first year from seed. They are more beautiful for bedding than even the best Geraniums, the tropical foliage being surmounted by spikes of bloom in glowing colors. Our mixture is made up of the best new varieties. The seed is very hard and for best results, the skin should be scraped through in one spot and the seed soaked for 24 hours in lukewarm water before sowing. **Pkt., 10c; ½-oz., 25c.**

CANTERBURY BELLS. A hardy campanula bearing a profusion of rose and purple delicately bell-shaped flowers. Does best in a rich, light soil and should be started indoors. **Pkt., 5c.**

CARNATION—DWARF MARGARET. Our mixed color strain of this general favorite will produce an abundance of fragrant double flowers. They are quite hardy, bloom four months from seed, and may be cut back and planted in pots for winter blooming. With slight covering they will live out all winter. **Pkt., 5c.**

CATCHFLY. A bright-colored, free-flowering annual, largely grown for spring flowering and used in borders and rock work. It succeeds in any light, loamy soil. Our mixture embraces the white, red and rose-flowering strains. **Pkt., 5c.**

CHRYSANTHEMUMS—FRENCH MARGUERITE. These annual Chrysanthemums are altogether different from the large-flowered late varieties grown by florists. In cool, moist locations they grow easily from seed and flower freely. Excellent pot plants during the spring months. **Pkt., 5c; ½-oz., 20c.**

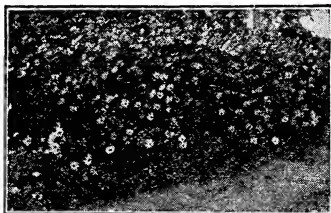


Carnation

ALL FLOWER SEEDS PRICED POSTPAID

COBOEA SCANDENS—Cathedral Bells. Very prolific and perfectly hardy; this is the most handsome and rapid growing of annual climbers. It is always clean of insects. The flowers are bell-shaped and very beautiful. **Pkt., 5c; ¼-oz., 15c.**

COSMOS—Early Mammoth Flowering Mixed. We offer a strain of Cosmos that comes into full bloom early enough to satisfy the wants of flower lovers in this section. The plants are easily raised and form large bushes, 4 to 5 feet tall, covered in late summer with huge blossoms. **Pkt., 5c; ¼-oz., 20c.**



Cosmos

MORNING GLORY

CONVOLVULUS—Finest Mixed. A fine mixture of the old fashioned, yet ever popular climber. **Pkt., 5c; oz., 10c.**

CONVOLVULUS—Japanese Morning Glory. The flowers are of gigantic size and in coloring range from snow-white to black purple. The plant will make a growth of 25 feet in a summer, and many of the heart-shaped leaves are marbled with silver, white and yellow. **Pkt., 5c; oz., 15c.**

DAHLIAS

CACTUS. We offer a mixed strain of this variety; the loosely formed flowers of which closely resemble the Chrysanthemum. **Pkt., 5c.**

DOUBLE. This is a mixture of seed from all the best varieties. **Pkt., 10c.**

FRENCH COLLARETTE. A distinct type of Single Dahlia. Its peculiarity consists in a row of short petals around the disc, forming a frill of an entirely different color from the rest of the flower. **Pkt., 5c.**

DAISIES

SHASTA. This hardy perennial can be grown out of doors anywhere. The flowers are large with white, cream, and yellow-colored petals and small golden centers. We offer the choicest obtainable strain. **Pkt., 5c.**

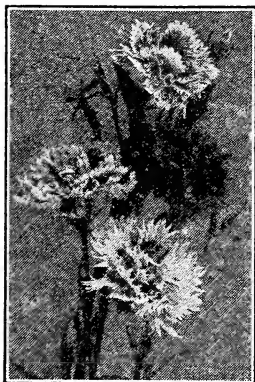
For Roots, see Page 85.

DOUBLE.—Bellis. Dainty, spring flowering, shade loving plants, suitable for borders and low beds. **Pkt., 5c.**

CYPRESS VINE. A most beautiful climber with dark green fern-like foliage and mass of beautiful star-shaped flowers. **Pkt., 5c; ¼-oz., 20c.**

SUMMER CYPRESS—Burning Bush. A highly ornamental annual of very rapid growth which forms a pyramidal bush from 2 to 3 feet high, having a cypress-like appearance. The leaves are a light pea-green until September when they change to a carmine or bright red. **Pkt., 5c.**

DIANTHUS—Chinese Pink. Like its relative, the Carnation, the Dianthus is supremely beautiful. Our double mixture ranges from pure white to the most delicate pink and deep glowing crimson. It includes all the standard sorts and all the newest spotted, striped and handsomely fringed varieties. **Pkt., 5c; ¼-oz., 15c.**

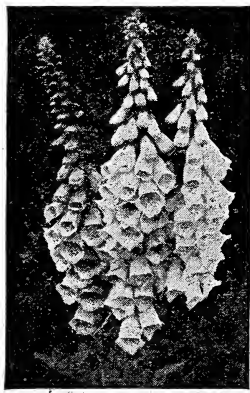


Dianthus—Chinese Pink

DIGITALIS—Foxglove. Easily grown perennial attaining a height of from 2-4 feet, and producing long spikes of beautiful, tubular-shaped flowers. **Pkt., 5c.**

FOUR O'CLOCK—Marvel of Peru. A beautiful bushy, free-flowering old-fashioned favorite. The showy flowers open only in the afternoon or on cloudy days. **Pkt., 5c; oz., 15c.**

FORGET-ME-NOT. These charming little favorites succeed best in cool, moist soils, blooming most freely during the spring and fall months. If lightly covered they will live through the winter and will bear even more profusely the second spring than the first. **Pkt., 5c.**



Digitalis-Foxglove

GERANIUM. Sown early in the spring, indoors, these are easily raised from seed and frequently reward the cultivator with charming new colorings. In fact, propagation by seed is the only way to obtain new varieties. Our mixture is of the largest and finest strains. **Pkt., 10c.**

GOUEDS—Ornamental. A valuable class of annual climbers. The gourds are of various sizes and colors and if allowed to ripen on the vines, can be kept for months as curiosities. **Pkt., 5c; oz., 25c.**

HELIANTHUS—Chrysanthemum Flowered. The best and most effective of all annual sunflowers. The flowers are immense, from 12 to 15 inches in diameter and extremely double. It is especially adapted for backgrounds and hiding unsightly places. **Pkt., 5c; oz., 25c.**

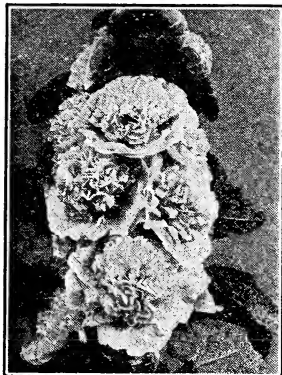
HELIANTHUS—Mammoth Russian Sunflower. This is the old-fashioned heavy seed producer. Single heads measure from 12 to 22 inches across, and contain an immense quantity of seed valuable as a poultry and stock food. **Pkt., 5c; 1 lb., 30c, postpaid. By express or freight, 10 lbs., \$1.50.**

HELICHRYSUM—Everlasting or Strawflower. Much prized for durable bouquets and winter decoration. To dry gather flowers when partly unfolded and hang heads down in a cool place. Finest Mixed. **Pkt., 5c; 1-oz., 20c.**

HELIOTROPE. A universal favorite on account of its fragrance and beauty, few realize that it can be raised from the seed as easily as the Verbena. Seed sown early indoors will insure a long period of bloom. Used both for bedding and pot plant. **Pkt., 5c.**

HOLLYHOCK—Pioneer Mixed. Tall, stately, majestic; our strain of this old-fashioned favorite cannot be improved upon. This is a perennial and will not bloom the first year unless planted indoors in March. Our mixture comprises all colors from white to black, in single, semi-double and double types. **Pkt., 5c.**

ICE PLANT. A trailing plant with singular icy foliage; most excellent for vases, hanging baskets or rockwork. **Pkt., 5c.**



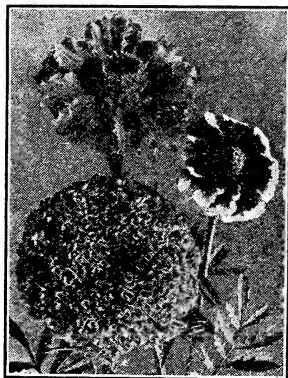
Hollyhock

LARKSPUR. A quick-growing, free-flowering annual, producing stiffly erect spikes of beautiful blossoms, ranging in color from pure white to dark blue. **Pkt., 5c.**

MARIGOLD—The Eldorado. The plants grow 2½ feet high with large, double, imbricated flowers, from 3 to 4 inches in diameter. Our strain embraces four shades of color; the lightest primrose, lemon, golden-yellow and deep orange. **Pkt., 5c; 1-oz., 20c.**

MARIGOLD—French Mixed. A dwarf strain forming ball like bushes 1 ft. high, of quick growth and free flowering habit. The double flowering sorts of our mixture include the most rich and beautiful colors. **Pkt., 5c; 1-oz., 20c.**

MIGNONETTE—Machet. The best everblooming strain for either outdoor or inside planting. It is of dwarf pyramidal growth with numerous flower stalks. The blossoms are highly colored and very fragrant. **Pkt., 5c; 1-oz., 20c.**



Marigold

NASTURTIUMS

WILL'S PIONEER BRAND DWARF MIXED NASTURTIUMS. Our mixture is the best obtainable and very desirable for bedding, vases and pot plants. The seed should be planted in rows one to two feet apart and when well started, thinned out to ten inches apart in the rows. The plants bloom freely and the flowers embrace every desirable color. **Pkt., 5c; oz., 15c; 1-lb., 35c; 1-lb., 60c; 1 lb., \$1.00.**

WILL'S SUPERB TALL MIXED NASTURTIUMS. Our magnificent strain makes a strong growth of from five to six feet, flowering freely from spring to fall with large blooms of the most brilliant shades. These are remarkable for their wide range, embracing rose, salmon-pink, light yellow, deep orange, velvet maroon, and purple in clear color, as well as every conceivable fancy in stripe and blotch. We are justly proud of our selection which we feel deserves a place in every garden. **Pkt., 5c; oz., 15c; 1-lb., 35c; 1-lb., 60c; 1 lb., \$1.00.**



Tall Mixed Nasturtiums

Pansies

CULTURE—Pansies are the most popular of all flowers and everyone should grow a bed of this hardy group. Best results may be had by sowing seed indoors in February, transplanting when large enough, one inch apart and then again to the open ground in May. The largest sized flowers can only be attained in rich soil. Manure from the cow stable is especially beneficial.



Will's Royal Show

WILL'S ROYAL SHOW. We have spared neither care nor expense in our efforts to make the Royal Show strain of Pansies the best in cultivation. This mixture is made up of the best and choicest varieties grown by specialists in all parts of the world. The colorings and markings are diverse beyond belief. Pkt., 15c; 2 pkts., 25c.

WILL'S PREMIUM MIXTURE. While not to be compared with the Royal Show mixture, it comprises the best of several pansy specialists' choicest and most expensive strains. It is a mixture that will please everybody who enjoys pansies and can appreciate quality of color, shape and substance. Pkt., 5c.

The **MASTODON** varieties form a distinct group of pansies. Of excellent form, richest colors, and great size, these American introductions are the best sorts we know of. Our seed is northern, field grown stock from the originator.

BRONZE MASTODON. The best of pansies in a beautiful bronze shade. Pkt., 15c.

PANAMA—PACIFIC MASTODON. Wonderfully large yellow blossoms. Pkt., 15c.

ADONIS MASTODON. The best of the light blue pansies. Pkt., 15c.

For Pansy Plants, see Page 76.

PENSTEMON GRANDIFLORA—Beard Tongue. One of the most beautiful of our native perennial flowers and absolutely hardy. The plant grows 2 feet high, blooming in early July, with long spikes of large lavender, bell-shaped blossoms. Fine for cutting and color masses. Pkt., 5c.

PHLOX—Drummond's Grandiflora. Of all summer flowering annuals Phlox Drummond's stands among the most brilliant and satisfactory. The trusses are large and well rounded, while the individual florets are as large as those of the perennial Phloxes. The colors we offer in our superb mixture are most distinct and brilliant. Pkt., 5c; 4-oz., 30c.

PORTULACA—Rose Moss. A hardy dwarf annual of easy culture, it thrives anywhere and produces an abundance of brilliant blooms where almost any other plant would die. The flowers are rich and brilliant in coloring. Fine for beds, borders, and rock planting.

Double Mixed. Pkt., 10c; 4-oz., 90c. Single Mixed. Pkt., 5c; 4-oz., 25c.



Bronze Mastodon

Petunias

CULTURE—The greatest care should be taken in planting petunia seeds. The covering of soil should not exceed one-sixteenth of an inch in depth and while the earth must be kept warm and moist, excessive moisture must be avoided.

HYBRIDA GRANDIFLORA. In this mixture will be found all the choicest and most beautiful single and semi-double flowers in cultivation. The colorings and markings are simply wonderful. Our seed is saved from strong, thrifty, free-flowering plants which show the richest colors and most striking markings. **Pkt., 5c.**

ROSY MORN. A dwarf petunia, dainty and effective for borders. In color a soft carmine pink with white throat. **Pkt., 10c.**

For Single and Double Petunia Plants, See Page 76.

Poppies



Carnation Poppy

MIXED CARNATION. This is the finest double mixture ever offered. It includes the most brilliant and delicately tinted sorts and a bed of this strain makes a truly gorgeous display. **Pkt., 5c; ½-oz., 15c.**

SHIRLEY. This strain is perfectly hardy and flowers the first season from seed. The large, graceful flowers range in color through all shades of rose, pink, carmine and brilliant crimson. **Pkt., 5c; oz., 20c.**

CALIFORNIA OR ESCHOLTZIA. Crimson, white and gold. A showy, free-flowering plant, of low spreading growth and finely divided silvery-gray foliage. Seed should be sown thinly and early in the spring where plants are to bloom. Where a solid bed is desired, seed may be thinly broadcast and raked in. This is the most effective way of planting this gorgeous flower. **Pkt., 10c; ½-oz., 20c.**

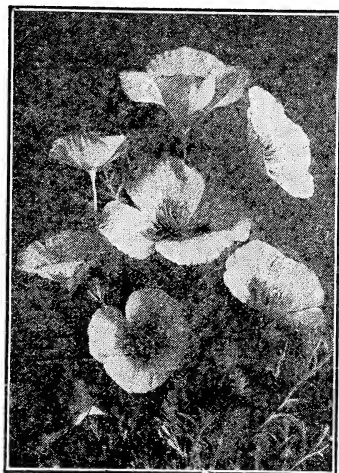
FLANDERS. Hardy and easily grown, the vivid scarlet red flowers cannot be surpassed for effect when massed in solid beds. Was the official flower of the American Legion. **Pkt., 5c; ½-oz., 30c.**

BLUE MAW. The seed is much used in cooking by the people of Central and South Eastern Europe. **Pkt., 5c; oz., 10c; 1 lb., \$1.00.**

PRIMROSE OR PRIMULA—Japanese Primrose Mixture. Seed sown in April will make fine specimen plants which will begin to bloom in the fall and continue through the winter. Our mixture includes not only the choicest colors of the single flowering Primulas, but also selected seed from hybridized flowers, which will produce a number of double blooms. **Pkt., 10c.**

RICINUS—CASTOR BEANS. Strong growing ornamental plants, of stately growth, ornamental foliage, and brilliant colored fruit. Much used for center plants in beds and for massing. **Pkt., 5c; oz., 15c; ¼-lb., 45c.**

SALPHIGLOSSIS—Grandiflora—“Velvet Flower.” A free-flowering annual succeeding best in cool, moist soils. The large flowers borne by plants of our mixture are most vividly spotted and striped on ground colors of deep blue, rose, velvet, yellow and reddish bronze. **Pkt., 5c.**



California Poppy or Escholtzia

SCABIOSA—MOURNING BRIDE. Our large flowering tall double sort forms compact, rounded plants of dark green foliage, 10 inches in height. The flowers are born on tall slender stems 20 inches in length and bloom from the middle of July to frost. Scabiosa is prized for cutting and much used for borders. Pkt., 5c; $\frac{1}{2}$ -oz., 20c.

STOCK—Dwarf Ten Weeks. The large flower spikes are borne in great profusion. They are of beautiful coloring, rich fragrance, and excellent keeping quality. Our strain is of the best for bedding and early summer flowering. Pkt., 5c; $\frac{1}{4}$ -lb., 35c.

SWEET ROCKET—HESPERIS. An old-fashioned plant growing 2 to 3 feet high, bearing spikes of showy fragrant flowers. Used for borders and cutting. Pkt., 5c.

VERBENA HYBRIDA. A most popular annual of many uses, bearing large clusters of showy flowers through a long season until frost. The colors of our mixture are rich and varied and embrace all the brighter shades. Pkt., 5c.

SWEET WILLIAM—Dianthus Barbatus. These make wonderful border plants, with heads of bloom of great size and wonderful beauty. If given proper care the plants will last many years although they may be easily raised from seed each season. Our mixture combines many rich and beautiful colors of this old favorite. Pkt., 5c; $\frac{1}{4}$ -oz., 20c.



Sweet William

ZINNIA. An old-fashioned favorite much used for bedding and borders and lately in strong favor for cutting. Few flowers are more easily grown or bloom more abundantly throughout the season. Flowers grown from our mixture are remarkable for their wide range of rich colors. Pkt., 5c; $\frac{1}{4}$ oz., 25c.

Choice Mixed Sweet Peas

A Few Suggestions in Regard to Sweet Pea Culture—The Sweet Pea plant or vine succeeds best in cool, moist, yet well drained soil. To secure the longest possible season of bloom the seed must be planted early. The best mode of planting is the trench method. The trench is dug two feet deep and two feet wide, and filled nearly to the surface of the ground with a mixture of well rotted manure and rich soil, with a six-inch layer of soil at the top. The seed should be sown at the rate of one ounce to fifteen feet. During dry weather the ground should be thoroughly soaked once or twice each week. A light spraying of the vines in the evening during hot weather will be found beneficial, and the earth should at all times be kept loose about the plants to a depth of two inches. Sweet Peas should be cut early in the morning and the more closely the flowers are kept cut off the longer will be the period of bloom. Remember the vines quickly wither if allowed to produce any great amount of seed.

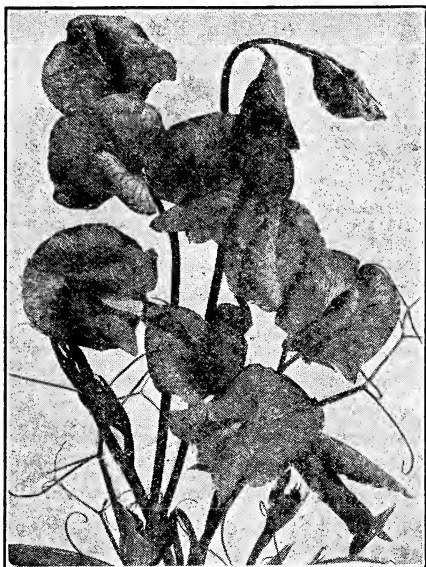
IMPERIAL MIXED. If you want the finest mixed Sweet Peas ever grown you should give the Imperial Mixed a trial and be convinced of their wonderful beauty. In this mixture are "blended" all the best Spencer strains and the ever popular Grandiflora types. Every color of the rainbow in unlimited variety is represented in every possible combination; striped, blotched, mottled and margined. Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 35c; $\frac{1}{2}$ -lb., 60c; 1 lb., \$1.00, postpaid.

WILL'S GIANT SPENCER MIXTURE. A perfect blend in proper proportions of many splendid varieties of the Spencer or orchid-flowered type throughout the whole range of color. This mixture has involved careful selection and we highly recommend it. Pkt., 10c; oz., 20c; $\frac{1}{4}$ -lb., 60c; $\frac{1}{2}$ -lb., \$1.15; 1 lb., \$2.25.

We have used your seeds for two years and don't expect to change it for a long time as they can't be beat.

G. A. Ritter, Tolley, N. D.

Single Color Spencer Sweet Peas



Wedgewood

ROYAL PURPLE. The flowers are of splendid size and form and a rich warm purple throughout both banner and wings. The younger flowers have a slightly softer color tone. Pkt., 10c; oz., 25c.

WEDGEWOOD. The best blue Spencer, of a unique shade of light blue, borne almost uniformly in four flower sprays. Awarded certificate of merit by the Pennsylvania Horticultural Society. Pkt., 10c; oz., 25c.

KING EDWARD. This flower has a very large standard and the unusually large wings give it a truly gigantic appearance. The standard is a rich, sun-proof, carmine-scarlet. The faces of the wings are of the same brilliant hue, but on the reverse side are a rosy-carmine. Pkt., 10c; oz., 20c.

ILLUMINATOR. In color this variety is distinct and may best be described as a rich cerise-salmon. The flowers of this Spencer sort are well placed on long, stout stems, and are uniformly large. The standard is bold, expanded and attractively waved. This sort was awarded a Certificate of Merit by the American Sweet Pea Society. Pkt., 10c; oz., 25c.

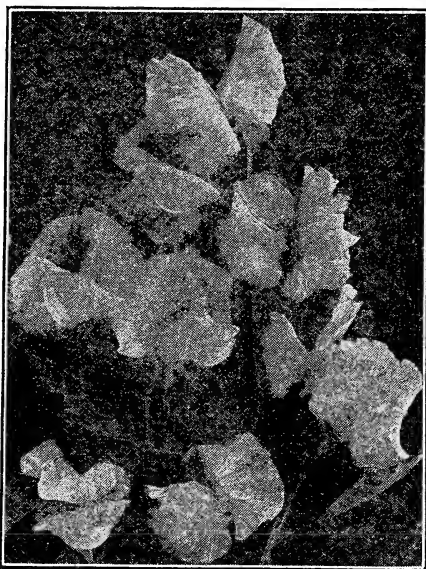
FLORENCE NIGHTINGALE. The standard is unusually bold and measures two inches across. The color is soft, rich lavender toned by a faint rose-pink. The large, well spread wings are frilled and well waved. This is a beautiful Sweet Pea for bunching. Pkt., 10c; oz., 25c.

IRISH BELLE OR DREAM. A superbly beautiful variety that shows quite a new shade in Sweet Peas. This coloring is uniform throughout the flower—a rich lilac, flushed with pink. The flowers are of large size and well placed on long stems. This variety is certified by the National Sweet Pea Society of America. Pkt., 10c; oz., 25c.

HAWLMARK PINK. One of the finest varieties now in cultivation. The color is a beautiful shade of rose pink, shaded with salmon. The flowers are large, usually borne in fours on long stout stems. Pkt., 10c; oz., 45c.

PRIMOSE. The largest and best strain of Primrose-Spencer. The cream-yellow flowers are large, of splendid substance, and well waved with an abundance of four bloom sprays. Pkt., 10c; oz., 25c.

MRS. SANKEY. The largest and grandest of all white Sweet Peas. Borne in fours on long stout stems, the blooms attain perfection in form, waviness, and immaculate whiteness. Pkt., 10c; oz., 25c.



Hawlmarm Pink

Insecticides for Farm, Garden and Household

For Potato Bugs, Cabbage Worms, Aphis and All Plant Pests.

Prices Subject to Market Change. Ask for Prices on Large Lots.

All prices on this page by express or freight unless otherwise explicitly stated.

ARSENATE OF CALCIUM. This is rapidly coming to be the most used insecticide for potato spraying. It may be used either in liquid form or with a dust blower in powder form. Our preparation is in powder form. 1 lb., 35c; 5 lbs., @ 30c. Cannot be sent by mail.

PARIS GREEN. The old reliable pest destroyer for potatoes, tree worms, etc. ½-lb., 30c; 1 lb., 50c; larger lots, 45c. Cannot be sent by mail.

BORDEAUX MIXTURE. This is the only good remedy against the fungus diseases of plants and trees, such as rusts, blights, mildew, etc. 1 lb., 35c; 5 lbs., \$1.50. Cannot be sent by mail.

HAMMOND'S SLUG SHOT. One of our very best remedies against both cabbage worms and potato bugs as well as squash and cucumber bugs. A powder harmless to human beings and animals. Apply with a duster such as listed on Page 52. By express or freight, 1 lb., 20c; 5 lb. pkg., 75c; 10 lbs., \$1.25. By mail, add your zone postage.

BUG DEATH. Another powder form insecticide, not only an enemy to cabbage worms, potato bugs, and pests on nursery stock, but said also to be a stimulant to the growth of small fruit, etc. Non-poisonous to human beings and animals. Apply with duster. By express or freight, 1 lb., 25c; 3 lb. pkg., 60c; 5 lb. pkg., 90c; 12½ lb. pkg., \$1.65. Add your zone postage if desired by mail.

BLACK LEAF 40. A tobacco preparation, especially for plants and nursery stock. An excellent aphid remedy. 1 oz. bottle (makes 6 gallons), 35c. Cannot be sent by mail.

SULPHO-TOBACCO SOAP. Combines the qualities of tobacco and an oily emulsion which no insect can withstand. Kills all kinds of plant lice, worms, etc. Also valuable as general insecticide for roaches, fleas, etc. Is not poisonous to plants or animals—only to insects. Postpaid, 3 oz. cake, 15c; 8 oz., cake, 30c.

FISH OR WHALE OIL SOAP. A caustic potash soap made from pure fish oil, valuable for rose bushes as a wash, and for the leaves and bark of plants or trees to kill eggs and scale. Smear on trees will prevent the ascent of worms. Postpaid, 1 lb. cake, 25c.

CARBOL—The Disinfecting White Paint. Destroys vermin, makes a smooth even surface superior to any white-wash, nothing better for chicken house or dairy barn. Can be easily applied with sprayer or brush. Useful also in powder form as a lice powder and insecticide. One lb., to one gallon of water. In 10 lb. pkgs, at \$1.25 each. By express or freight.

VERMINE. This is the best remedy of which we know for cut worms and other soil pests. One pint will make 48 gallons of solution which should be sprayed liberally on the ground about plants where the pests are working. By express or freight, one pint, 75c; 90c, postpaid.

TOBACCO DUST. An excellent remedy against all kinds of aphid or plant lice. Per lb., by express 20c; postpaid 25c.

RAX—THE RAT AND MOUSE DESTROYER.

We have experimented with various preparations for destroying vermin for many years, and have found RAX to be the surest and best. It is not poisonous but inoculates the animals with a disease to which they alone are susceptible. The disease is contagious and soon spreads to all the animals in a building. Per package 75c; postpaid, 85c.



Fertilizers

FERTILIZERS also are becoming increasingly necessary in the Northwest, and we are now carrying a good stock of the kinds most valuable there. We recommend especially the different preparations for the flower garden, lawn and vegetable garden.

NITRATE OF SODA. The great nitrogen supplying fertilizer. By express or freight, 5 lbs., \$1.00; 10 lbs., \$1.25; 25 lbs., \$2.50; 100 lbs., \$8.00.

PULVERIZED SHEEP MANURE. Unequalled for lawn use, apply at rate of 5 to 10 lbs. per 100 square feet. Price 10 lbs., 50c; 25 lbs., 75c; 50 lbs., \$1.25; 100 lbs., \$1.75.

LAWN RENEWER. A strong prepared fertilizer for run down lawns as well as general garden and flower bed. One lb., equals 20 lbs. stable manure. Use at rate of 25 lbs. per 1000 square feet. 10 lbs., 75c; 25 lbs., \$1.40; 50 lbs., \$2.25; 100 lbs., \$4.00.

StimUplant

Makes a
Wonder Garden

STIMULANT. Concentrated fertilizer and plant food in tablet form, the most concentrated form of plant food on the market. Four tablets makes one gallon strong fertilizer. Pkg. of 30 tablets 25c, postpaid, 30c.

Poultry Supplies, Prepared Feeds, Etc.

All by express or freight unless otherwise stated. Prices subject to change.

Cracked Corn, Whole Corn, Ground Feed and other feeds always in stock. Write for prices.

BLATCHFORD'S CALF MEAL. Raise Your Calves Without Milk. This compound composed of eleven balanced ingredients is a perfect milk substitute. Has been used for over seventy years, and always with the best success. Comes in all size sacks, full directions accompanying every sack. Try it and you will always use it. 25 lb., sack \$1.75; 50 lb., sack, \$3.25; 100 lbs., \$6.00.

PIONEER BABY CHICK FOOD. For baby chicks up to three weeks old. A carefully ground, mixed and screened feed. 4c per lb.; \$3.75 per 100 lbs.

PIONEER CHICK FOOD. To be fed after three weeks old and until chicks are able to eat whole grain. Per lb., 3c; 100 lbs., \$2.75.

MILK MASH. To promote healthy growth of chicks. 25 lbs., \$1.50; 100 lbs., \$5.00.

EGG OR LAYING MASH. Promotes egg laying greatly, especially in winter. 25 lbs., \$1.25; 100 lbs., \$5.75.

EGG LAYING TABLETS, LEGEAR'S. To be used in the feed. Very well recommended. Pkg. of 50 tablets for 50c; 120 tablets, \$1.00, postpaid.

PIONEER SCRATCH FEED. A balanced grain mixture of our own preparation for mature birds. Has given uniformly excellent results. Per 100 lbs., \$2.00.

MEAT SCRAPS. 25 lb., sack, \$1.50; 100 lbs., \$5.50.

DARLING'S MEAT CRISPS. By express or freight, 3 lb. package, 40c.

SUNFLOWER, HEMP AND CANARY. For poultry, parrots and song birds. By express or freight, 20c per lb.; 10 lbs., \$1.50.

ALFALFA MEAL. By express or freight, 10 lbs., 40c; 25 lbs., 75c; 100 lbs., \$2.75.

CHARCOAL. To keep fowls in a healthy state, a regulator of some kind must be fed. Nothing takes the place of charcoal. 10 lbs., 75c; 100 lb. sack, \$5.00.

CRUSHED OYSTER SHELLS. We have this year a good supply on hand. 10 lbs., 25c; 100 lbs., \$1.50.

MICA CRYSTAL GRITS. By express or freight, 100 lbs., \$2.00.

LIMESTONE GRITS. Per 100 lb. sack, \$1.80.

OIL MEAL. 10 lbs., 60c; Per 100 lb. sack, \$3.75. Ask for prices on larger amounts.

GLASS JAR DRINKING FOUNTAINS. We supply only the lower dish and the holder for the jar. Any common glass jar or sealer will do. Price, postpaid, 25c.

CHAMPION LEG BANDS. Numbered from 1 to 100. Price, postpaid, 25 set, 35c; 100 set, \$1.00.

KEYRING CELLULOID LEG BANDS. Different colors. Per dozen, 25c; per 100, \$1.00, postpaid.

THE LAWN PARK COOP. A light sanitary, safe and easily shifted coop of wire and galvanized iron. Send for circulars. By express or freight, \$3.50 each.

DES MOINES INCUBATORS AND BROODERS. After much consideration we have decided to list the Des Moines line as our investigation has shown it to be one of the very best. We call your attention especially to the No. 6—120 egg machine at \$24.00, the No. 9—240 egg at \$34.00, and the No. 52 Colony brooder at \$26.50. Write for descriptive literature and prices on other sizes.



STOCK POWDERS in the following sizes 25c, 50c, \$1.00, and in 25 lb., pail, \$2.50.

STOCK DIP. 1 qt., cans., 60c; per gallon, \$1.75.

POULTRY POWDER in 30c and 60c sizes.

LICE KILLER, per pkg., 30c.

BOWEL REGULATOR. Efficacious for Cholera, 25c.

ROUP REMEDY, 25c.

SORE HEAD REMEDY, 25c.

HEAD LICE REMEDY, 25c.

WHITE DIARRHOEA REMEDY, 25c.

COLD REMEDY, 25c.

Prices are all by express or freight. Add 5c per pkg. to small size packages if wanted by mail.

Sprayers and Dusters

ONE QUART GLASS JAR SPRAYER. This is a substantially built and very satisfactory small machine. Price by express or freight, \$1.00.

PERFECTION. This is an exceedingly well built knapsack sprayer with a capacity of four gallons. Re-inforced galvanized tank. Price \$6.50, by express or freight. With brass tank, price, \$10.00.

FAVORITE. A smaller knapsack type, capacity $3\frac{1}{2}$ gallons, built as sturdily in every way. Price, \$6.00, by express or freight.

NO. 4 BARREL PUMP. With hose, nozzles and 8 ft. of pipe, suitable for use in any sort of barrel. Price, \$14.00. Mounted in barrel, complete, \$23.00, by express or freight.

Write for Information on other Sprayers, also Repairs and Supplies.

DICKEY DUSTER. A cheap and exceedingly satisfactory duster for the application of all powder insecticides. Price, postpaid, 80c.

CORONA DUST GUN. A low-priced mechanical dust distributor that gives good satisfaction. Built somewhat along the lines of the smaller sprayers. By express or freight, \$1.00, postpaid, \$1.20.



Dickey Duster

Tools and Implements

THE CYCLONE SEED SOWER. Is the greatest labor and seed saving invention of the age. Its working principles are a marvel of simplicity. The machine is so simple in construction and so perfect in operation that even a boy can operate it.



Cyclone Seed Sower

It will sow Clover, Timothy, Wheat, Oats, Rye, Buckwheat, Hungarian, Red Top, Turnip, Millet, Alfalfa, Corn, Cotton and all other farm seeds perfectly even and in any desired amount to the acre, and from thirty to sixty acres per day, full instructions and directions on every machine. Price, each, \$2.25, postpaid. By express, \$2.00.

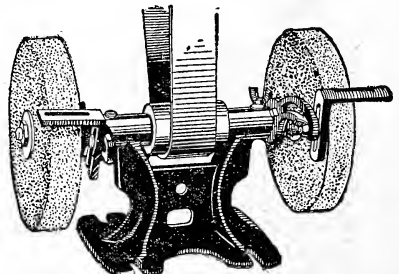
ACME POTATO PLANTER. All steel with basket tube to drop into. Price, \$2.75, each. By express or freight.

ACME HAND CORN PLANTER. Plants one to five kernels per hill as desired. Price, \$2.00, by express or freight.

LANG'S HAND WEEDER. The ideal tool for the flower bed or small garden. A necessity to every gardener. Price, postpaid, 25c each; \$2.50 per dozen.

HAND GARDEN TROWELS. We have secured a supply of extra good quality heavy trowels. Neither handle nor blade will break or bend. Price, each, 80c, postpaid.

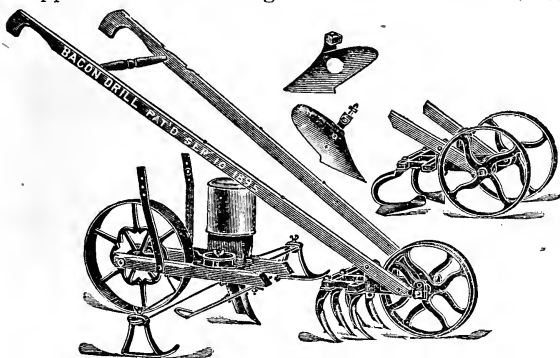
LUTHER POWER GRINDER NO. 306. An indispensable article on the farm for grinding mower sickles, axes and all farm tools. A wonderful bargain. Price, \$6.00, by express or freight.



Power Grinder No. 306

Drills and Cultivators

THE BACON NO. 12. Equipped with parts to transform it from a drill and hill dropper into either a single or double wheel hoe. Will seed any size seed regularly and



No. 12 Bacon Drill

evenly, and is especially good in sowing such seed as beet, parsnip, carrot, etc. An ingeniously devised force feed which does not injure the seed. A sturdy substantial machine for the gardener. Hill dropper for 9, 12, 18 and 36 inch distances. Can be made into either the No. 3 or 4 cultivators, with five teeth, two hoes and right plow. This gives full garden equipment for seeding, cultivating both sides of a row and between rows. The change from drill to cultivator is very easily and quickly made.

Price, complete, boxed, by express or freight, \$15.00; shipping weight, 44 lbs.

BACON CULTIVATOR NO. 3. A single-wheel machine with five teeth. By express or freight, boxed, \$7.00. Shipping weight, 18 lbs.

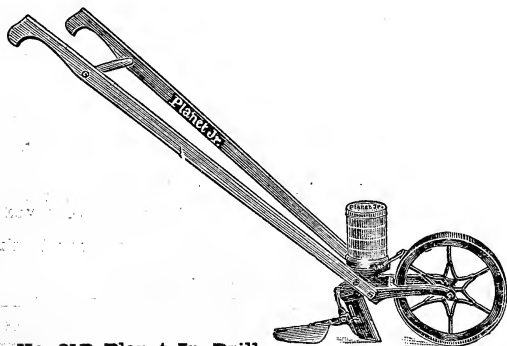
BACON CULTIVATOR NO. 4. Single or double-wheel machine with five teeth, 2 hoes and right plow. By express or freight, boxed, \$7.50. Shipping weight, 19 lbs.

NO 25 PLANET JR. HILL AND DRILL SEEDER. Double-Wheel Hoe, Cultivator and Plow. A combination of the Planet Jr. No. 4 seeder and No. 12 two-wheel cultivator. Equipped with one pair 6-inch hoes, two pairs teeth, two plows and two leaf guards. Sows in drills of any thickness or in hills 4, 6, 8, 12 or 24 inches apart. Thoroughly substantial and accurate in planting all kinds of seed. Seed hopper holds 2½ quarts. Quick shut-off and very simple regulator for fixing the rate of sowing. As a cultivator, can be used for hoeing, stirring, furrowing or hilling, either astride the row or between rows. Price, boxed, by freight or express, \$22.00. Shipping wt., 61 lbs.

NO. 4 PLANET JR. SEEDER. Same as No. 25, but with no cultivator attachment. Price, boxed, by express or freight, \$18.00. Shipping wt., 40 lbs.

PLANET JR. NO. 31D. This is a tool built for the small gardener whom the owning of a more expensive tool would not quite pay. It is a seeder only, of the usual Planet Jr. high quality. Price, by express or freight, \$10.00; shipping weight, 22 pounds.

NO. 17 PLANET JR. Single-Wheel Hoe and Cultivator. Equipped with two 6-inch hoes, a plow and 4 teeth. Extra tools can be purchased for use on it. Price, boxed, by express or freight, \$7.75. Shipping weight, 24 lbs.



No. 31D Planet Jr. Drill

NO. 12 PLANET JR. Single and Double-Wheel Cultivator. Combines the No. 17 with a two-wheel machine. Price, boxed, by express or freight, \$11.50. Shipping weight, 33 lbs.

PLANET JR. LAWN EDGING TOOL. Almost indispensable when the lawn is large with much walk borders. Each, \$1.50.

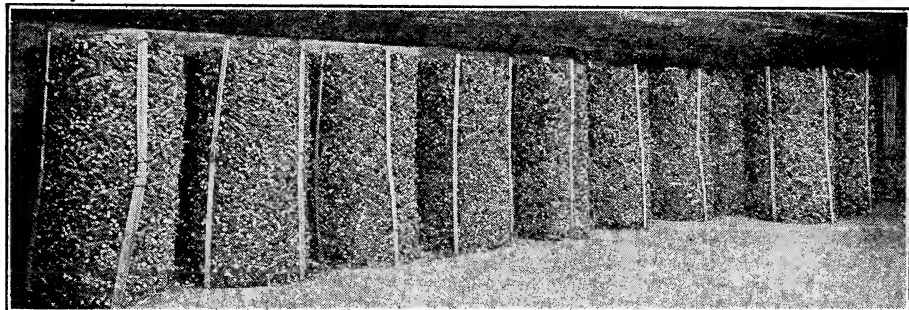
FOLDERS on BACON and PLANET JR. MACHINES Furnished on Request.

Will's Seed Corn

MISSOURI VALLEY GROWN IN NORTH DAKOTA

SOME FACTS ABOUT PIONEER BRAND SEED CORN

Prices of Seed Corn include sacks, are F. O. B. here and subject to prior sale and change without notice.



SHOWING OUR SYSTEM OF DRYING AND CURING SEED CORN

We have now been raising seed corn here in the Missouri Valley of North Dakota for forty-one years.

Out here the varieties of corn especially adapted to the Northwest were bred and developed, and here they grow to their greatest perfection for seed purposes. Our corn ripens and dries on the stalk, making plump, full grains of abounding vitality and almost perfect germination. Such corn used for seed grows faster and makes larger plants and ears than any kiln dried, shrivelled, discolored seed corn can ever do by any possibility. Physical weakness in man, beast or plant and low vitality is bound to show in the offspring.

Seed Corn is our specialty—our stock is all grown from seed of our own selection. We hand sort all Seed Corn and both before and after shelling and testing store it in warm, dry buildings. No better grade of seed corn can be produced anywhere. Remember that we have bred and introduced practically all of the best varieties of corn for the Northwest. You will find them described in the following pages.

Corn has in the past year once more demonstrated its value as a sure crop; be sure to plant a good acreage next season, and to use only reliable, tested **PIONEER BRAND SEED CORN** purchased from **OSCAR H. WILL & CO.**

Every lot of corn is tested by us after being shelled and before shipment. In a favorable year we aim to keep our test above 90 per cent; in a year when seed is scarce, above 80 per cent. We are always willing to have any corn not as represented returned by customers, as it is our aim to send out only the best. Mistakes will occur in the warehouse sometimes, and feed corn or the wrong sorts may be accidentally shipped out. Always notify us at once of any mistake or cause for dissatisfaction and wait to hear from us before disposing of the goods.

A FEW GOOD RULES FOR CORN GROWERS

We give herewith a few rules which might be of benefit to the many new corn growers who will start this coming year, as well as to some of the older growers who have not had perfect success with their methods.

Be sure of your seed no matter where secured. **TEST IT.**

A cornfield is a poor place to test the germination of your corn.

Plant between May 5th and 25th, later planting means risking your crop except for silage.

Check your corn or plant in hills with a hand planter, do not drill—it means lower yield and poorer and dirtier corn with very few exceptions.

Harrow frequently till corn is several inches high.

Cultivate as often as possible both ways, and until the corn is too high to go through. The cleaner the cultivation, the more corn, and the bigger the crop of small grains next year.

Do not cut corn until the kernels are well beyond the milk stage.

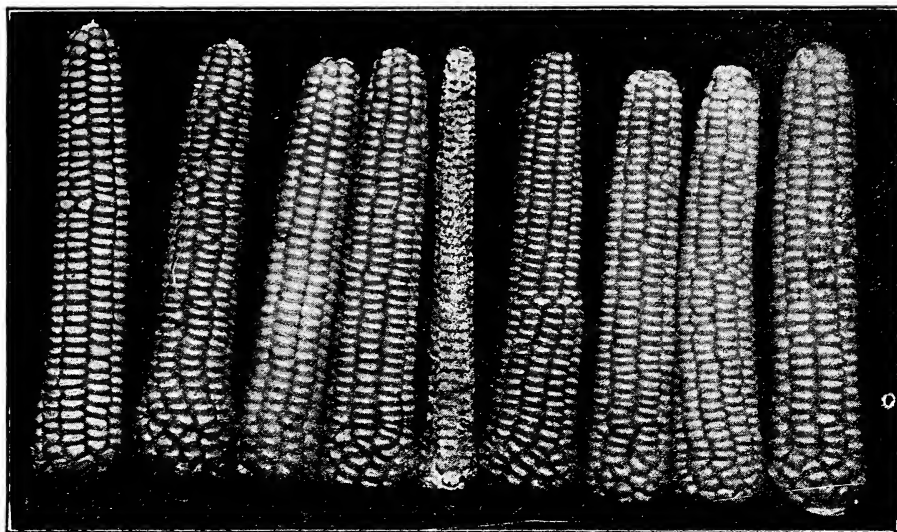
Use both corn and fodder—hog it off, put it in a silo, cut and shred, or turn stock in the field after pickers are through.

USE ONLY HARDY, NORTHWESTERN GROWN SEED

CARUGUSS SEED TESTER. An inexpensive, scientifically constructed seed tester suitable for testing all sorts of seed grains, and especially seed corn. No farm home should be without one of these handy testers. Price, postpaid, \$1.00.

Will's Genuine Dakota White Flint Corn

The Earliest, Most Drouth Resistant, Highest Yielding of the Early Flints



Dakota White Flint, the first corn developed by Oscar H. Will in the eighties has stood the test of years and is a standard for earliness and hardness. It is a pure, pearly white flint with long slender ears which shell out the maximum amount of grain. A great many ears are borne to the hill which accounts for the exceptional yields, there being many reports of fifty and sixty bushels to the acre for small fields and forty to fifty bushels per acre in fields of forty, fifty or more acres.

Dakota White Flint matures corn with an unusually small moisture requirement and is the most frost resistant, and hail resistant of any known variety.

Stalks are leafy and bushy in appearance, ears grow low on the stalk which attains a height of from four to six feet in a fair to good year, being somewhat shorter in dry seasons. A wonderful variety for feeding in the field as there are no coarse stalks, and every bit of stalk as well as grain is consumed with gusto by stock.

Do not confuse Dakota with other white flints. The Dakota is a grain producer with a small cob. Other flints with tremendous cobs which shell out a very low percentage are sometimes offered as Dakota. Price; pkt., 5c; 1 lb., 25c, postpaid. By express or freight, 10 lbs., 50c; ½-bu., \$1.25; bu., \$2.25; 100 lbs., \$3.90; 10 bu., @ \$2.10.

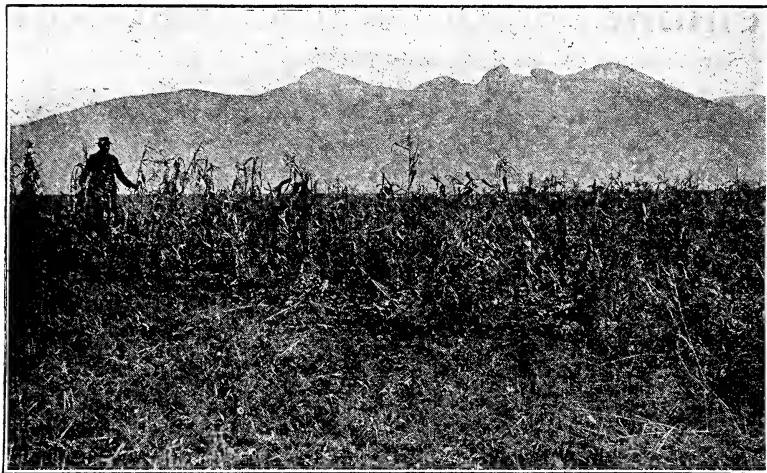
This is a high altitude, in fact 7000 feet up in the air, it is a rough country and short season, but your White Flint Corn was planted here last year by one of my neighbors and it ripened.

George R. Spencer, Craig, Colo.

Burleigh County Mixed Corn

The Original Dakota Squaw Corn

This is a mixed form of the early flint and is the first variety listed by us after our business was started. It has retained its popularity through all the years since, on account of its extreme earliness, and its unusual hardness. It is very resistant to both drought and frost and fully as heavy a yielder as any variety of early flint. It is a flint corn of mixed colors, yellow, white, blue and red predominating; ears long and slender, mostly eight rowed. Pkt., 5c; 1 lb., 25c, postpaid. By express or freight, 10 lbs., 50c; ½-bu., \$1.20; bu., \$2.00; 100 lbs., \$3.55; 5 bus., @ \$1.90.



Gehu in the Mountains of Montana

See Front Cover for Colored Illustration of Gehu

Will's Gehu 70-Day Corn

For High
Altitudes

For High
Latitudes

At the past seed show in Bozeman my entry of Gehu corn was awarded Sweepstakes, my entry of Gehu also won Sweepstakes at the State Fair in Helena. Thus in two contests it has triumphed over every other corn.

Tolley Hartwick, Meredith, Mont.

I am sending you an ear of your Gehu corn that I raised at an elevation of 4000 feet. I had lots of it last season. See if it improves by coming back home to grow.

C. W. Thorn, Byron, Wyo.

We got our Gehu corn of you last spring and were very well pleased as we got 120 bushels of cob corn off one acre.

A. B. Drury, Langdon, N. D.

The 10 lbs. of Gehu corn I ordered a year ago was O. K. I raised about 80 bushels from it.

Bruce Barber, Onaway, Mich.

Gehu, the best known of our native early flints, might well be called the universal corn. We have shipped it to every continent and have had fine reports from it in Scandinavia, Northern Russia, Ireland, Scotland, South Africa and South America. It has been carefully bred by us for nearly forty years and shows the effect of this breeding. Its feeding qualities are the highest of any variety of corn, it is leafy and produces a tremendous amount of excellent fodder, since there is no heavy stalk and every part of the plant is utilized. It is drouth, frost and hail resistant to a wonderful extent in addition to its great earliness. In good soil and under favorable conditions it may be cut with a corn binder. Pkt., 5c; 1 lb., 25c, postpaid. By express or freight, 10 lbs., 50c; 1-bu., \$1.25; bu., \$2.25; 100 lbs., \$4.00; 5-bu., or more @ \$2.10.



Chas. W. Larson of Casper, Wyo., with 4 stalks of his Gehu corn having 8 ears, 2 are 14 1/2 in. long, 2, 14 in. 2, 13 in. 2, 12 in.

Assiniboine Corn, A Native of Canada

The Earliest Corn in the World

This wonderful early corn was secured by us from the Assiniboine Indians of Canada who have been raising it for at least fifty years. It is a mixed color corn of the squaw type and without any question at all the very earliest variety of corn in existence. It is also exceedingly resistant against drouth and frost and a very good yielder under favorable conditions. We have seen it mature in less than sixty days when all conditions were favorable, and it never fails to make a crop even in the shortest of seasons.

We believe that there is no place in the United States below timber line where this corn will not ripen. Pkt., 5c; 1 lb., 30c, postpaid. By express or freight, 10 lbs., 50c; ½-bu., \$1.50; bu., \$2.25; 100 lbs., \$4.00.

I am 6500 feet above sea level but the Assiniboine corn I got of you did fine and I saved some for seed.

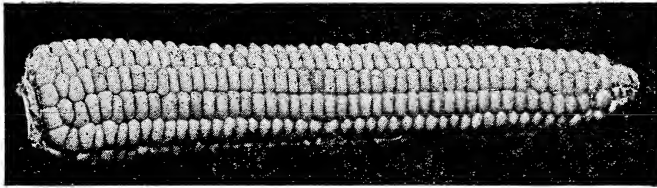
Ruby Replow, Shriver, Mont.

Your Gehu and Assiniboine corn matured here last year, at an altitude of over 8000 feet.

A. D. Hess, Focus, Colo.

Ivory King

The Wonderful and Prolific Corn for the Silo

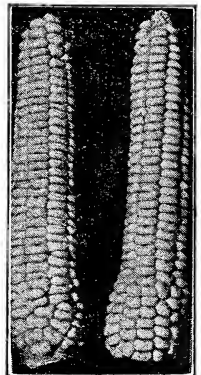


We are this year again offering the Ivory King; this is a large type white flour corn such as was raised by the Indians in southeastern South Dakota, and which has given the highest yields of any corn in several of the tests made by the Bureau of Corn Investigations for that region. This variety has been raised in the eastern part of the state for some years now both for silage and for ear production. It is a trifle late for a sure ripening sort although it is as safe as most of the early dents. As a producer of fine silage, however, it is without equal. The corn grows high enough to cut with a binder, the ears are of tremendous size, and the stalk is very leafy. Pkt., 5c; 1 lb., 25c, postpaid. By express or freight, 10 lbs., 50c; ½-bu., \$1.25; bu., \$2.25; 100 lbs., \$4.00.

Mandan White Flour Corn

Requires no Grinding for any kind of Stock

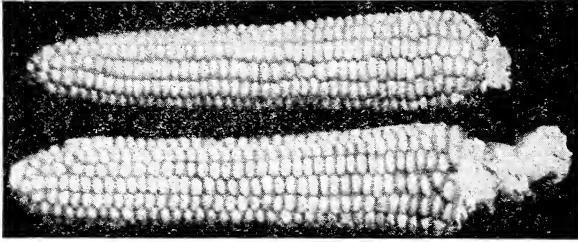
Government tests have demonstrated that the flour corns are actually even higher in feed value than the dents and are much more easily ground up and digested by stock than any other type of corn. In response to an urgent demand we have grown this year a sufficient supply of the white flour corn from the Mandan Indians to be able to supply it at reasonable prices for field purposes. This is as early as the early flints, a very heavy yielder of both fodder and ears, and certainly worthy of trial either for hogging off or ripening. Pkt., 5c; 1 lb., 25c, postpaid. By express or freight, 10 lbs., 50c; ½-bu., \$1.25; bu., \$2.40; 100 lbs., \$4.00.



Mandan White
Flour Corn

Falconer Corn

The Heaviest Yielding of All Corn Varieties for the Northwest



Falconer

Once more the Falconer corn has shown its pre-eminent fitness for the Northwest. From all sections we have reports of tremendous yields. Our sales have increased by leaps and bounds since we first introduced it, and so far we have not heard a single criticism of it.

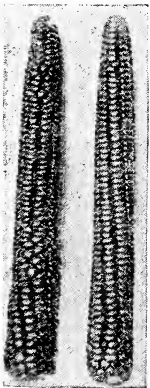
We believe Falconer to be the heaviest yielding corn, one year with another, that is grown in our section where it seldom averages less than forty bushels per acre. It is a semi-dent corn, yellow in color and with very large ears. It was developed by Mr. Angus Falconer of Bismarck from a cross between an unknown dent and the Burleigh County Mixed which has been grown in this section for thirty or more years, and it combines with the long period of acclimatization all the good qualities of both parents. It grows sufficiently high to be easily cut with a corn binder. Pkt., 5c; lb., 25c, postpaid. By express or freight, 10 lbs., 50c; ½-bu., \$1.25; bu., \$2.25; 100 lbs., \$4.00; 5 bu., or more @ \$2.10.

Mandan King

The New Flint, Tall, Leafy, Early and Drouth Resistant.

Mandan King has once more proved its value for the Northwest, demonstrating this year that it was not only a tremendous yielder of fine stalks and leaves, but also that it inherits much of the drouth resistant characteristics of its native parent. It has yielded very well both of ears and fodder.

We consider it to be the ideal silage corn for those who wish the flint type, as it combines the yield of the late King Philip type flint, which was one of its parents, with the earliness and hardness of the Mandan corn, its other parent. Usually ripens about a week later than Gehu. Pkt., 5c; 1 lb., 25c, postpaid. By express or freight, 10 lbs., 50c; ½-bu., \$1.25; bu., \$2.25; 100 lbs., \$4.00; 5-bu., @ \$2.10.



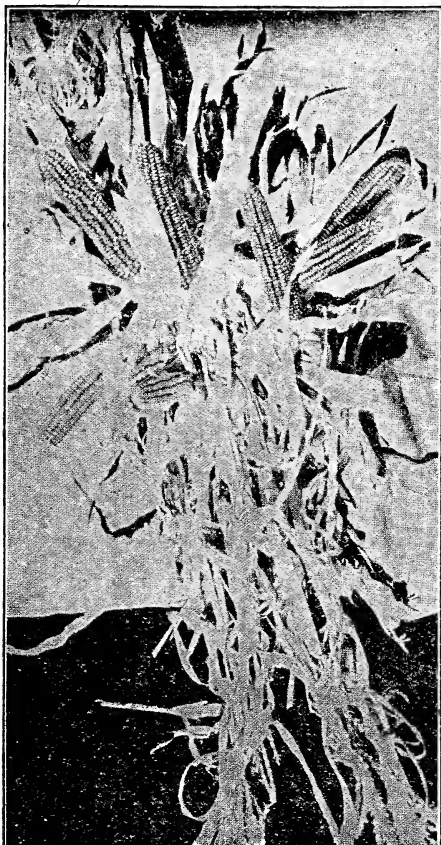
Mandan King



Mandan King

I like your seeds fine. In Montana it is hard to raise corn and watermelons—but from your Will's Sugar Watermelon, and Assiniboine, Early June, and also another of your kinds of corn we got good results.

21759 Mrs. Ray Voorhees, R. F. D. No. 2, Box 85 Vacaville, California.



Northwestern Dent

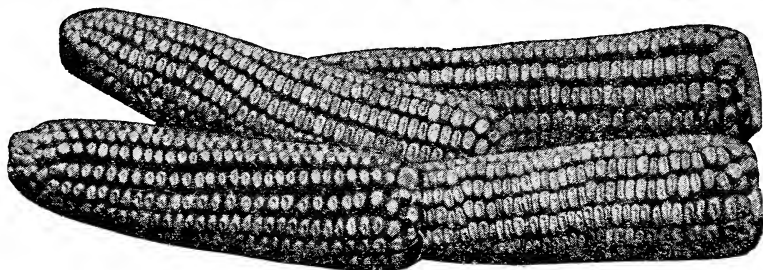
Will's Northwestern Dent Seed Corn

Unequaled for the Silo

The original Northwestern Dent Corn, a history of which is given in Bulletin No. 107 of the Montana Experiment Station, was introduced by Oscar H. Will in 1896, and almost immediately attained great popularity over the whole Northwest. So much so in fact that corn of every type, color and description has since been sold under the name which we gave to this early red dent. Bloody butcher and Calico from South Dakota and Nebraska have disappointed many a farmer who had bought them as Northwestern Dent, and found them too tall and too late to be of any value. The only safe plan therefore is to buy Will's Original Northwestern Dent from Oscar H. Will & Co.

Northwestern Dent is more extensively grown than any other variety in the Northwest. It is extremely hardy and will produce a crop when all other dents fail, owing to its frost and drought resistance. Pkt., 5c; 1 lb., 30c, postpaid. By express or freight, 10 lbs., 50c; 1-bu., \$1.25; bu., \$2.25; 100 lbs., \$4.00; 5 bu., @ \$2.15.

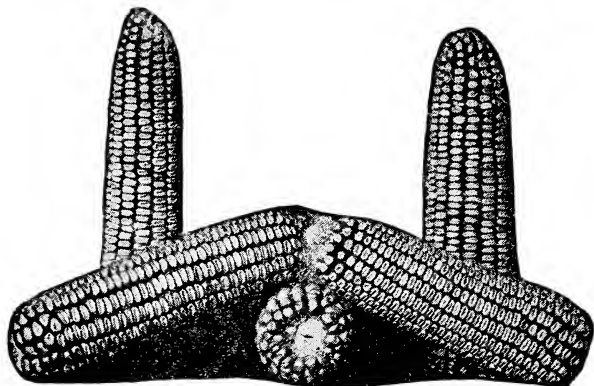
Square Deal Yellow Dent Seed Corn



The Earliest Yellow Dent in the World

"Square Deal" is a pure yellow dent with a red cob. The ears grow six to eight inches in length and contain from 12 to 16 rows, the 12 row ears predominating. Stalks grow about seven feet, with the ears about two and one-half to three feet from the ground. It is the deepest kernel of any of the acclimated varieties, and although the ears are smaller than the Northwestern Dent, it shells at least 10 per cent more. This corn is growing in favor very rapidly, and it bids fair to take first place among all the early varieties. We do not recommend this variety for light soils. but on rich, heavy land it will outyield any other sort. Pkt., 5c; 1 lb., 30c, postpaid. By express or freight, 10 lbs., 50c; 1-bu., \$1.25; bu., \$2.25; 100 lbs., \$4.00; 5 bus. @ \$2.15.

PLANT CORN—RAISE STOCK—PROSPER



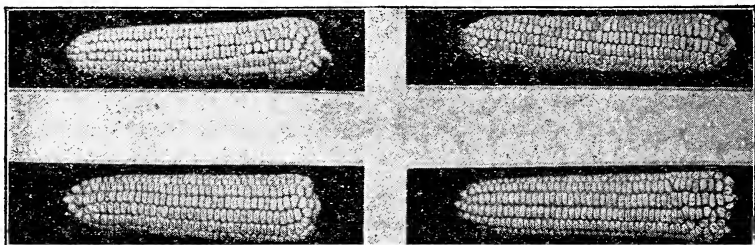
Minnesota No. 13 Yellow Dent

North Dakota Grown

Minnesota 13 is one of the favorite corn varieties for silage and fodder. It is a late variety for this section though it will mature in the more favorable years such as the one just passed. In fact we matured a very nice acreage on contract in this vicinity. The ears are large, many rowed, and of a beautiful shade of yellow. Stalks attain a height of 8 to 9 feet, and usually bear two good sized ears. It is not a good corn for poor soil or under adverse conditions but does exceptionally on irrigated and heavy well watered soil. Pkt., 5c; 1b., 25c, postpaid. By express or freight, 10 lbs., 50c; ½-bu., \$1.25; bu., \$2.20; 5 bu., @ \$2.10.

Pioneer White Dent Corn

The Best Grain Producing Dent for the Northwest



After careful observation we have come to the decision that the Pioneer Dent is by all odds the best dent variety of corn for the Northwest. It is perhaps even a little earlier than the Northwestern Dent, and cures much quicker as the cob is smaller. The habit of growth is straight and tall, the ears are borne well up, and the production of ripe ears is very high.

Pioneer Dent is the result of our own breeding and selection from a white dent obtained from Mr. B. F. Schuster of Wyndmere, N. D., 14 years ago, corn which he had at that time raised for twenty years in North Dakota.

This corn has never failed to produce some ripe corn for us even in the worst years, and has proved an unusual success in eastern Montana where it is very popular.

The ears average 6 to 8 inches long, gently tapering, 14 to 16 rows of kernels which are white with occasional pink shading; cob mostly white; stalks 5 to 7 feet high; ears 24 inches from the ground. Pkt., 5c; 1 lb., 30c, postpaid. By express or freight, 10 lbs., 50c; ½-bu., \$1.25; bu., \$2.25; 100 lbs., \$4.00; 5 bu. or more @ \$2.10.

The order of farm and garden seeds received from you last year all done fine. I took several Premiums at the Glenrock Fair, first and third on corn from seed received from you. I cannot say too much in favor of your Pioneer White Dent for a good corn in a dry country like Wyoming.

7421 G. W. Hazelip, Glenrock, Wyo.

4 X Fodder Corn

A Tall Growing, Leafy, Heavy Yielding Fodder Corn.

The 4X is, we consider, the very best procurable for Northwestern conditions. We get this grown just far enough south so that the maximum quantity of fodder is produced and at the same time the stalks come near enough to maturity so that they are not all water. The best time to cut corn for fodder is when the kernels are just past the roasting ear stage. Sow or drill ten lbs. to $\frac{1}{2}$ bu. per acre, if planted in rows 3 to 4 feet apart; if broadcasted, use about $2\frac{1}{2}$ bus. Lb., 25c, postpaid. By express or freight, 10 lbs., 40c; $\frac{1}{2}$ -bu., 75c; bu., \$1.40; 100 lbs., \$2.40.



Acme Fodder

Acme Fodder Corn

The Best Silage Corn for the Northwest

Acme fodder is a mixture of off type dent corn or of the local mixed strains or other early dents of which we may have an extra amount. Being a mixture it is ranker and more luxuriant in growth and a heavier producer. For this reason it is especially valuable for silage. It is easily handled with a binder and gives just about the right degree of maturity early enough for silo filling. Lb., 25c, postpaid. By express or freight, 10 lbs., 50c; $\frac{1}{2}$ -bu., \$1.20; bu., \$2.00; 5 bu., @ \$1.90.

Sweet Fodder

Sweet Fodder is coming to occupy a place of very high esteem as a feed for milk cows. Owing to the fact that its sugar content is so high it is a more concentrated feed than the ordinary corn. It is likewise a heavy yielder as it is so bushy, and there are no heavy coarse stalks which are usually waste. Lb., 30c, postpaid. By express or freight, 10 lbs., \$1.00; 50 lbs., \$4.75; 100 lbs., \$8.50.



Sweet Fodder Drilled-In

I planted your Pioneer Dent last year and I sure had some crop. I got 1st. prize and Sweepstakes over all dent corn in Towner Co.

7033 W. B. Ishler. Rock Lake, N. D.

Will's Clean Tested Seed Grains

All prices include sacks. Remember this—it means a very great difference.

Prices on all seed grain subject to change without notice.

FREIGHT RATES COUNT THESE DAYS. REMEMBER THAT WE ARE LOCATED IN THE CENTER OF NORTH DAKOTA WITH TWO RAILROAD LINES AT OUR SERVICE AND DIRECT ROUTES RADIATING IN EVERY DIRECTION.

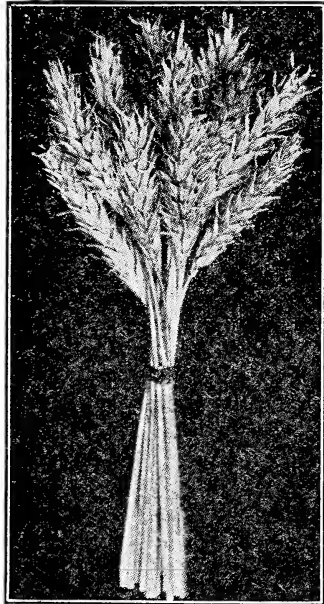
We offer herewith a selected list of seed grains all of which have proved exceptionally adapted to the Northwest. Most of them have been grown for us on contract and others have been bought only after careful examination. The dry season has cut down the supply of many things, but we are doing our best to fulfill all demands.

NOTICE

We are marking our germination and purity tests on bulk shipments of seed grain, field seeds, and seed corn. These tests are arrived at by careful and scientific methods, and are as nearly exact as we can make them. It must be understood, however, that they are only for customer's guidance and are not a guarantee. Always make your own tests of seed grain and field seeds.

Pioneer Brand Seed Barley

Sow $1\frac{1}{2}$ to $2\frac{1}{2}$ bushels per acre.



White Hulless

WHITE HULLESS. This is a six row beardless barley which threshes out of the straw like wheat, producing a grain which resembles durum wheat in some respects and is exceedingly heavy. It is a good barley for dry sections as it is very early. Especially valuable for hogging off as there are no beards to bother the stock, as well as a wonderful hog feed when ripe and threshed. It is also sown for early hay. Sow 90 to 100 lbs. per acre. **Lb., 25c, postpaid. By express or freight, 10 lbs., 50c; 50 lbs., \$1.75; 100 lbs., \$3.00.—Special prices on large lots.**

Black Hulless. Very similar to the above except that it is bearded and perhaps a trifle more sure in a very dry year. **Lb., 25c, postpaid. By express or freight, 10 lbs., 50c; 50 lbs., \$1.75; 100 lbs., \$3.00.**

Oderbrucker. This is perhaps the standard variety of six row barley. It does best on heavy, rich soil where it is a tremendous yielder. **Lb., 20c, postpaid. By express or freight, 10 lbs., 30c; $\frac{1}{2}$ -bu., 60c; bu., \$1.00; 100 lbs., \$2.00. Write for large lot prices.**

Swan Neck. We are very glad to once more be able to offer this variety, as it has without doubt proven itself the best sort for the central and western part of the state as well as further west. It is a medium early, two row variety with large

plump berry, and is highly recommended by agricultural authorities for its heavy yield, and drought resistant qualities. **Lb., 20c, postpaid. By express or freight, 10 lbs., 40c; $\frac{1}{2}$ -bu., 60c; bu., \$1.00; 100 lbs., \$2.00; 10 bu., @ 90c.**



Swan Neck

We issue once or twice a month a special price list covering all price changes, items out of stock, etc. We are always glad to mail this to anyone upon request.

Do not forget to treat seed grain with Coppercarb or formaldehyde to prevent smut. We can furnish literature on the subject if desired, and can supply the preparations.

Pioneer Brand Seed Oats

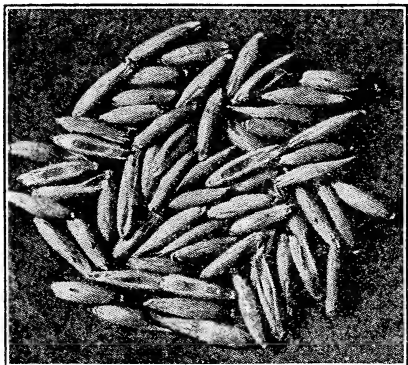
Sow 1 to 2½ bushels per acre. Grain and Grass Seed Prices Subject to Change Without Notice.



EXPER. STA. NO. 2. EARLY MOUNTAIN OATS

Consistently the best for the Northwest.

Another year has proved that our Early Mountain Oat is the perfect variety for the Northwest. At the Dickinson Experiment Station this past season it was again pre-eminent, giving an average yield of 75 bu. per acre on 25 plots, the highest plot yielding 87.5 bu. and the lowest 60 bu. per acre. Our No. 2 strain has been developed and bred at Dickinson and is therefore especially adapted to the drier sections. It is an abundant yielder under conditions at all favorable, white in color, kernel plump and thin hulled, often bearing double kernels. In habit of growth it is of the branching type with heavy and strong straw. Our seed, grown for us on contract is clean and pure. Altogether we consider this the finest oat that we can offer our customers and the best for Montana and North Dakota. **Lb., 25c, postpaid. By express or freight, 10 lbs., 50c; ½-bu., 60c bu., \$1.00; 100 lbs., \$3.00; 10 bu., @ 95c per bu.**



Victory Oats

Dakota and eastern Montana. Kernels small, hull very thin and yellowish white in color, of excellent feeding qualities and a good yielder for so early an oat. **Lb., 20c, postpaid. By express or freight, 10 lbs., 35c; ½-bu., 50c; bu., 75c; 100 lbs., \$2.30; 10 bu., @ 70c.**

WHITE RUSSIAN. This is generally recognized as the best and heaviest yielding of the late oats. It produces well on heavy and well watered soils, elsewhere we do not recommend it. Has been very successful on the Missouri river bottoms. Under good conditions it is probably the very heaviest yielding oat there is. Owing to its lateness, however, it is especially hard to keep free from wild oats, and we cannot guarantee the seed to be absolutely free from that pest, though we clean it very carefully. **Lb., postpaid, 25c. By express or freight, 10 lbs., 35c; ½-bu., 50c; bu., 75c; 100 lbs., \$2.25; 10 bu., @ 72c.**

VICTORY OATS. We are this year offering only the Victory of the Swedish Select type. We consider it an improvement on the common Swedish Select which it resembles in every way except that it is a better yielder, a heavier grain, and generally more vigorous. It is of the branching type, medium early with good strong straw. It has given very good results the past year or two over all of our territory and is a very popular sort. **Lb., 20c, postpaid. By express or freight, 10 lbs., 30c; ½-bu., 40c; bu., 70c; 100 lbs., \$2.20; 10 bu., @ 70c.**

SIXTY DAY OR KHERSON. This is the earliest oat grown and ripens before wild oats under usual conditions. It is especially recommended by agricultural authorities for the drier sections and has given unusually good results in western North



White Russian

CLEAN, TESTED SEED PAYS BIG DIVIDENDS.

Pioneer Brand Seed Wheat

Prices Include Sacks

Prices Subject to Change. Write for Our Figures on Large Lots.

Sow one to one and one-half bushels per acre.

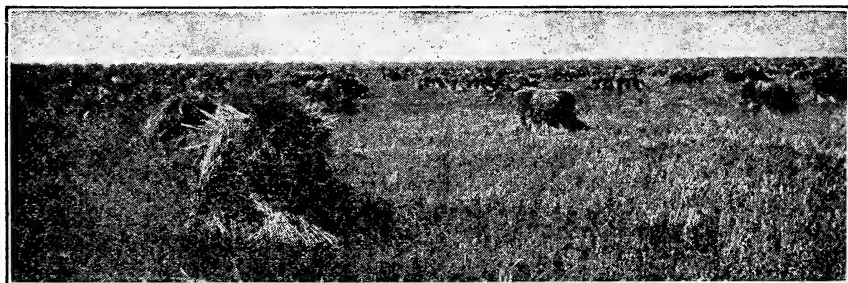
The wheats raised in the Northwest are of the hard spring and Durum types. The durumms are the surest and heaviest yielders under all tests but are subject to considerable reduction in price below that offered for the hard spring sorts. It is up to each farmer to determine for himself whether the durum or hard spring is the most profitable in his particular case.

After a good deal of investigation and consultation with well posted authorities we find that the new varieties from Canada are in no way superior to the Marquis for our climate, and are in several ways inferior. We are therefore not listing any of them.

HARD SPRING

KOTA SPRING WHEAT.—A Rust Resistant, Drouth Resistant, High Yielding and Excellent Milling Hard Red Spring Wheat.

Kota has demonstrated that it will produce a crop under conditions of rust when Marquis is an absolute failure, it is fully as resistant as the D1 and Acme durumms, grades with the best Marquis and will on the average far outyield the Marquis. It is a bearded wheat of the Preston type. All stock is controlled by the Kota Association from whom our supply is secured and at whose prices we sell. This wheat is a production of the N. D. Agricultural Experiment Station. 1 lb., 50c, postpaid. By express or freight, 10 lbs., \$2.00; ½-bu., \$3.75; bu., or more @ \$6.75 per bushel.



Field of Marquis Wheat

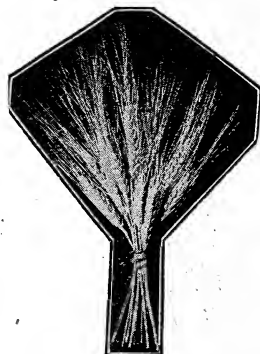
MARQUIS SPRING WHEAT. Except for the durumms this seems to be the most generally satisfactory spring wheat for the Northwest. Early, productive and of the very best quality, it always brings the top price. Our seed is recently from pedigreed Canadian stock which means that it is pure. Lb., 25c, postpaid. By express or freight, 10 lbs., 75c; ½-bu., \$1.25; bu., \$2.00. Ask for prices on large lots.

DURUMS

THE NEW RUST RESISTANT AMBER DURUM. D1 or Monad wheat is perhaps the most valuable wheat introduction of recent years; while almost perfectly rust resistant it is also of the very best quality, grading No. 1 Amber. It is as well reasonably drouth resistant. We consider ourselves fortunate in having secured a good supply of the D1 which is commanding very fancy prices. We offer it as follows: 1 lb., postpaid, 30c. By express or freight, 10 lbs., 75c; ½-bu., \$1.25; bu., \$1.80.

ALGERIAN OR BLACK BEARDED DURUM. This is the very large kernel variety and we believe that our seed is the genuine Pellissier strain. It has proven perhaps the most drouth resistant of any variety, and in the higher altitudes as in Montana, Wyoming and Colorado it has outyielded all other sorts. In marketing it grades as amber durum and often commands a premium as it is unusually handsome in appearance. Lb., 25c, postpaid. By express or freight, 10 lbs., 75c; ½-bu., \$1.00; bu., \$1.75.

KUBANKA DURUM. This is the most rust resistant and productive of the ordinary types of durum wheat, produces grain of first quality amber durum and is very extensively grown, wherever the durumms are used. Our seed is of the genuine, pure Kubanka variety. Lb., 25c, postpaid. By express or freight, 10 lbs., 75c; bu., \$1.75.



D1 Durum

Speltz or Emmer

Sow $1\frac{1}{2}$ to $2\frac{1}{2}$ bushels per acre.

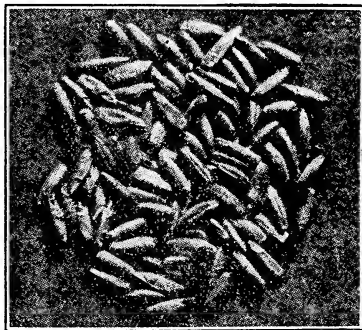
SEED SPELTZ. Speltz needs little praise as it is too well known to all our customers. The great drouth crop, it is as well the most widely valuable of any grain we have. Excellent alike for horses, cattle, hogs or poultry, it is certainly a general purpose grain. Speltz as well as being so universally valuable is one of our surest drouth resistant crops and in conjunction with corn will insure feed in the worst years. Good seed speltz is scarce. Per lb., 25c, postpaid. By express or freight, 10 lbs., 30c; bu., 75c; 100 lbs., \$1.75; 10 bu. lot @ 70c. Write for prices on larger quantities.

Pioneer Brand Seed Rye

Sow 1 to $1\frac{1}{2}$ bushels per acre.

NORTH DAKOTA GROWN SPRING SEED RYE.

Spring rye is one of our most valuable crops, and is available for a number of uses. On light, poor soil it is the only small grain crop that will produce profitably. Sown late in the season it makes an excellent hay crop, and it may also be sown and used as hog or sheep pasture, with very good success. Lb., 20c postpaid. By express or freight, 10 lbs., 40c; $\frac{1}{2}$ -bu., 75c; bu., \$1.30; 100 lbs., \$2.25. Ask for prices on large lots.



Spring Seed Rye

Winter Rye

We wish to call to your attention here our fall list which we issue shortly before the first of August. In this we list with descriptions the winter seed wheat, and Rosen and other winter rye that we have to offer. Do not forget to send for it next summer.

Pioneer Brand Field Peas

Sow $1\frac{1}{2}$ to $2\frac{1}{2}$ bushels per acre.



Canada Field Peas

Peas may be grown successfully on a variety of soils, but clay loam and soil well supplied with lime are best, peas also require a fairly moist soil. Even a heavy clay soil will raise good peas.

EARLY CANADA FIELD PEAS. Field peas are one of the most useful of crops. The straw is equal to clover hay, and the grain is one of the most nourishing of foods for all kinds of stock. In order to aid in harvesting it is recommended that they be sown with oats or spring rye. Lb., 25c, postpaid. By express or freight, 10 lbs., \$1.00; $\frac{1}{2}$ -bu., \$2.50; bu., \$4.50; 100 lbs., \$7.50.

WHITE MARROWFAT PEAS. Not only a heavy yielding field pea but a good green pea and much used for canning. Shorter than Early Canada, averaging about $3\frac{1}{2}$ ft. high, and somewhat later, it is a heavy yielder of ripe peas and the quality of them is better. It will stand more hardship in the way of drought, etc., than other sorts. One lb., 25c, postpaid; 10 lbs., 90c; $\frac{1}{2}$ -bu., \$2.75; bu., \$5.00; 100 lbs., \$8.00.

Do not forget to treat your seed grain with coppercarb, the new smut remedy which does not injure the grain. Easy to use. Write us for details and prices.

Pioneer Brand Seed Flax

Flax prices are subject to change, both up and down. If you wish a quantity, write for prices.

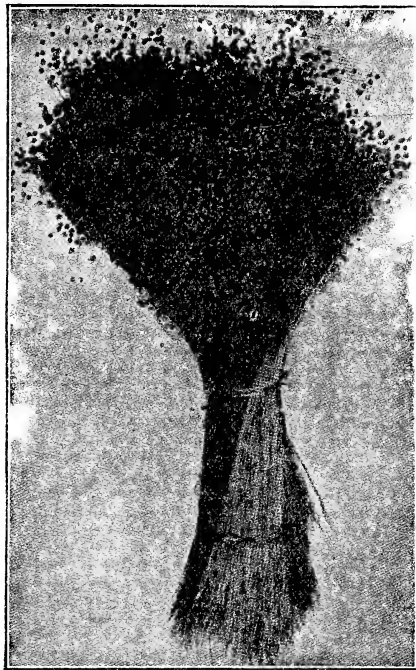
Prices Include Sacks.

Sow $\frac{1}{4}$ to $\frac{1}{2}$ bushel per acre.

WILT RESISTANT SEED FLAX, THE ONLY KIND SAFE TO PLANT ON OLD GROUND. Most of these varieties were developed at the North Dakota Experiment Station, and they have proved by many trials that they will produce a crop on old ground where the common sorts are practically destroyed by wilt.

There are several varieties of resistant flax which seem about equally valuable and which are equally popular. The best are N. D. No. 52, N. D. No. 73, N. D. No. 114 and Premost or Minn. No. 25. We expect to be able to furnish at least one of these varieties and perhaps all of them during the coming season. In ordering state whether you will take any one of the three or want only the special kind ordered. 1 lb., postpaid, 30c. By express or freight, 10 lbs., \$1.00; $\frac{1}{2}$ -bu., \$2.50; bu., \$4.00. Ask for prices on large lots.

CHOICE CLEAN SEED FLAX. While we do not like to give up time and space for handling the common flax, yet the demand has been so urgent that we have planned once more to carry a limited supply of good quality seed. Samples sent on request and prices quoted. Present prices: 10 lbs., \$1.00; $\frac{1}{2}$ -bu., \$2.00; bu., \$3.75.



Wilt Resistant Flax

PIONEER BRAND BUCKWHEAT

Sow $\frac{1}{2}$ to 1 bushel per acre.



Japanese Buckwheat

Buckwheat is becoming more popular every year in the Northwest. May be sown as late as July first and mature a crop; does well on light soils, an excellent crop to smother weeds, and always a marketable grain.

JAPANESE. The Japanese buckwheat is the largest seeded variety grown, as well as the hardiest. It is a week earlier than the other sorts, stands up and produces a crop on poorer soil and is of good milling quality. We therefore consider it well suited to our climate even though the yield under the best conditions may fall a little short of the later sorts. Lb., 20c, postpaid. By express or freight, 10 lbs., 75c; 25 lbs., \$1.50; 100 lbs., \$5.00.

SILVER HULL. This is the later heavier yielding variety which is common in the east, and which is used so extensively there as a late crop, and as a smothering crop for land badly infested with weeds. Buckwheat is an excellent

poultry food, a fact that is too little appreciated by most poultry raisers. Lb., 20c, postpaid. By express or freight, 10 lbs., 75c; 25 lbs., \$1.50; 100 lbs., \$5.00.

Grass Clover, Alfalfa and Forage Plants



All prices Subject to Change Without Notice. Prices Include Sacks.

The question of forage and pasture plants for the Northwest becomes more urgent every year, and the demand for seed of suitable plants increases. Fortunately there is gradually developing a list of hardy sorts and hardy strains of the tender sorts of plants which will succeed in the region. We have followed this subject carefully and strive to offer only items of tested value and hardiness. We are always glad to answer questions on the subject of especial adaptability of certain varieties, and to recommend formulas for special pasture mixtures to suit special conditions. We handle only first quality seeds for we feel that this is what our customers want even at a little higher price, and we strive to make our prices just as low as possible. Do not go too heavy on any item without first trying it out or having seen it tried out in your neighborhood.

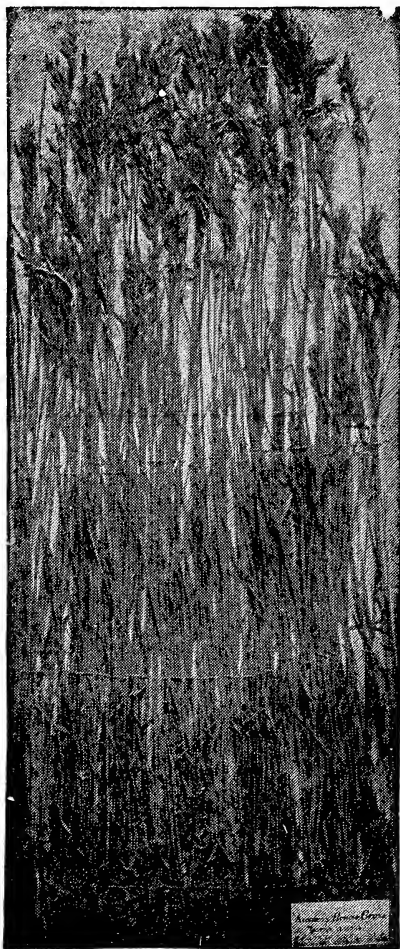
Will's Pioneer Brand Grass Seed

**WESTERN RYE OR SLENDER WHEAT GRASS—
A WONDERFUL HARDY HAY GRASS—THE
BEST GRASS KNOWN FOR A HARDY
LAWN**

Western Rye grass increases in popularity and in demonstrated value every year. It is absolutely resistant to cold and drouth and produces a most palatable hay. Although not as rank a grower as bromus it is pastured with greater relish. Does not suffer from close pasturing. One of the most recent developments with regard to this grass has been the demonstrating by ourselves of its adaptability as a lawn grass under severe conditions where it stands cutting very well and has a fine appearance on account of the fineness of its leaves. **Postpaid, 1 lb., 30c; 5 lbs., \$1.20; by express or freight, 15 lbs., \$2.00; 50 lbs., \$5.50; 100 lbs., \$10.00.**

BROME GRASS, Austrian or Russian, Bromus inermis. Brome Grass which has come to be the most important tame grass for Northwestern conditions, is once more fairly plentiful and consequently much cheaper. It is an exceedingly valuable pasture grass especially for early spring and late fall, but produces only a rather poor quality of hay. For hardiness and general resistance to severe conditions it is unequalled. Is a good producer of turf and valuable on sandy soils as it roots deeply and binds loose soils together. A very large percentage of brome grass seed contains also seeds of the noxious quack grass. Such seed it not permitted to be sold in North Dakota by state dealers over whom our State Seed Commissioner has control, but may be shipped in by outside dealers. We urge therefore, that you buy brome grass seed from reputable seedmen within the state, whose seed has been inspected and passed on in the State Seed Laboratory. We confine ourselves to the North Dakota grown product, which is heavier and germinates a greater per centum than any other we have ever tested. The seed we offer is thoroughly matured and dry. Sow 7 to 15 lbs. per acre. **Lb., 35c, postpaid. By express or freight, 1 lb., 25c; 15 lbs., \$2.25; 100 lbs., \$12.00.**

KENTUCKY BLUE GRASS. We handle nothing but the fancy, clean seed, the very best procurable, without regard to cost. Blue Grass is not valuable as a hay crop but makes good pasturage. It will stand considerable hardship, but should not be sown on high rolling prairie land in the Dakotas, as in such localities it is liable to be damaged in case the soil freezes up dry in the fall. Sow 20 pounds per acre. **1 lb., 60c, postpaid. By express or freight, 1 lb., 45c; 10 lbs., \$4.00; 100 lbs., \$35.00.**



Austrian Brome Grass

WILLS' PIONEER BRAND GRASS SEED

PIONEER BRAND TIMOTHY SEED. We offer only North Dakota grown timothy seed which is from acclimated fields. Timothy is the best known and most extensively grown tame grass in the country. It is a hardy grass so far as standing the winters, but does not do well in a dry year or on poor soil. For rich, well watered land no grass can equal it, elsewhere we do not recommend it for the Northwest. 1 lb., 25c, postpaid. By express or freight, 1 lb., 20c; 10 lbs., \$1.25; bu., of 45 lbs., \$4.50; 100 lbs., \$8.75.

RED TOP OR HERD'S GRASS. Useful in the Northwest principally for seeding low moist spots, slough beds, basins, and any place where the water may stand at times. It is hardy in such places and will even grow where there is some alkali present. An excellent pasture grass as well as a hay producer. We handle only the fancy solid seed, of which only 4 to 5 pounds are required to the acre. 1 lb., 45c, postpaid. By express or freight, 1 lb., 35c; 10 lbs., \$2.75; 100 lbs., \$26.00.

MEADOW FESCUE OR ENGLISH BLUE GRASS. This grass, while not as valuable as *Bromus* and Western Rye, is one of the hardiest grasses for the Northwest. It is an excellent permanent pasture grass, and the quality of the grass is high for feed purposes. This grass roots deeply and, therefore, withstands drought and heat exceptionally well. It also withstands severe cold very well. Also useful for a hay producer, growing to the height of three feet, and possessing very nutritious qualities. Sow 15 to 20 pounds per acre. 1 lb., 35c, postpaid. By express or freight, 10 lbs., \$2.00; 100 lbs., \$16.00.

INOCULANTS FOR ALL LEGUMES

Do not plant alfalfa, sweet clover, other clovers, peas, sweet peas, cow peas, soy beans or any other legume without inoculating your soil. It is a waste of seed.

The bacteria inoculant is necessary both to make the plant thrive and to make it increase the nitrogen content of the soil.

NITRAGIN INOCULANT. We have taken on the Nitragin brand as it comes with unusually high recommendations and yet is reasonably and conveniently priced.

Specify which of the following seven cultures you wish; A, for alfalfa and sweet clover; B, for all other clovers; C, for all varieties of peas, sweet peas, vetches and lentils; D, for all sorts of field and garden beans; E, for cow peas, lima beans, velvet beans, and peanuts; S, for all varieties of soy beans; Garden size, a special package for the small garden and covering garden beans, garden peas, sweet peas and lima beans. Comes in non-breakable cans. Garden size, 20c each; 25c, postpaid; one fourth bu. size, 40c each; 50c, postpaid; one half bu. size, 60c; 70c, postpaid; 1 bu. size, \$1.00; postpaid, \$1.25; 5 bu. size, \$4.75; \$5.25, postpaid.

NATURE'S WAY INOCULANT. This brand combines bacteria for all forms of legumes in the one preparation. Comes in cloth sacks and is made by the Stow Co. of Montana. 1 acre size, 40c, postpaid. By express or freight, 1 acre size, 30c; 2 acre size 55c; 5 acre \$1.25; 10 acre, \$2.25.



Timothy



Bacteria Nodules

Alfalfa and Clover Seed

FOR THE NORTHWEST

We have this season secured a good supply of North Dakota grown alfalfa and sweet clover seed, and we are offering only medium red clover grown in the state as well. The cheapest clover and alfalfa is dearest in the end and we make it a policy to handle only the better grades.

We have an Ames Scarifying machine in our warehouse, through which we run our alfalfa and clover seed. This adds to our expense in handling the seed, but increases the germination by from ten to thirty, or even forty percent in some cases.

With the exception of postpaid prices on small lots we do not guarantee prices here quoted for any length of time, as they are subject to change without notice. Therefore, unless your order states plainly not to ship except at list prices we will execute the order at the best possible price, whether higher or lower—if higher, we will send value of remittance. If lower, will send your money's worth.

PIONEER BRAND ALFALFA SEED

Alfalfa Prices Subject to Change Without Notice.

Sow 4 to 7 pounds per acre.



A Field of North Dakota Grimm Alfalfa

NORTH DAKOTA GRIMM ALFALFA. The hardiest of all strains of Grimm. Recently Grimm from Idaho and other mild climates has been offered at lower prices than our hardy sorts but we feel that it is not tested by the same severe conditions as the hardy, dry land grown sorts from the northwest and we advise our customers to stick to the tested strains. Our seed is sent out under lot numbers and if customers will observe the lot figure we can always furnish them with detailed pedigree. Lb., 60c, postpaid. By express or freight, 10 lbs., \$4.00; 100 lbs., \$35.00.

HARDY LISCOMB ALFALFA. This is one of the extra hardy variegated blossom sorts which has proven exceedingly hardy and drought resistant in the drier sections of Montana. It has also given excellent results in our section. Lb., 50c, postpaid. By express or freight, 1 lb., 40c; 10 lbs., \$3.25; 100 lbs., \$28.00.

NORTH DAKOTA ALFALFA. We wish to call especial attention this year to our North Dakota grown, scarified alfalfa seed. While not of a pedigree strain this seed comes from the western part of the state where the fields from which it was raised have been subjected to the most severe weather conditions for a period of five or more years. 1 lb., 50c, postpaid. By express or freight, 1 lb., 40c; 10 lbs., \$3.00; 100 lbs., \$24.00.

MONTANA ALFALFA. Under this head we classify non-irrigated or "dry land" alfalfa seed of high quality either from Eastern Montana or Northwestern South Dakota where the climate is fully as severe. 1 lb., 50c, postpaid. By express or freight, 1 lb., 35c; 10 lbs., \$2.50; 100 lbs., \$22.00.

COSSACK ALFALFA. This is an exceptionally hardy variety brought from Siberia by Professor Hansen. It is a good yielder as well as being very cold and drouth resistant. Very similar to the Grimm in all respects so far as is shown by our many years of trial. Lb., \$1.00, postpaid; by express or freight, 1 lb., 80c; 10 lbs., \$7.50; 100 lbs., \$70.00. Prices subject to change when our present stock is exhausted.

Pioneer Brand Clover Seed

In event prices change we shall send value unless otherwise instructed.

Sow 6 to 10 pounds per acre. Prices Include Sacks.

ALSIKE OR SWEDISH CLOVER. This clover is hardy and cold resistant, and is a very valuable pasture plant. It is low growing, and if sown for hay should be mixed with other clover, timothy or red top. Its chief value in the Northwest is for sowing in very wet spots where water stands at times and other clovers will not grow. 1 lb., 40c, postpaid. By express or freight, 1 lb., 30c; 10 lbs., \$2.75; 100 lbs., \$24.00.



Alsike Clover

WILL'S NORTH DAKOTA GROWN MEDIUM RED CLOVER. While we have hesitated about advocating the Medium Red Clover for North Dakota, yet there are unquestionably a great many localities in this state and eastern Montana where it can be raised with profit. Does best in well watered land with a fairly deep soil and good drainage. Can be cut twice in a season for hay, and in meanwhile adds to the fertility of the soil. Be sure and get our extra hardy and vigorous North Dakota grown seed. 1 lb., 45c, postpaid. By express or freight, 10 lbs., \$2.75; 100 lbs., \$25.00.

MAMMOTH RED CLOVER. This is similar to the medium Red but a heavier and ranker grower, an exceptionally valuable clover for pasture purposes. North Dakota grown seed. 1 lb., 45c, postpaid. By express or freight, 10 lbs., \$2.75; 100 lbs., \$25.00.

WHITE DUTCH OR LAWN CLOVER. White clover is a hardy, low growing, perennial variety that is used in some sections for pasture, and is universally used for lawns, either alone or in combination with grasses. 1 lb., 80c, postpaid. By express or freight, 5 lbs., \$3.50; 10 lbs., \$6.50.

Sweet Clover

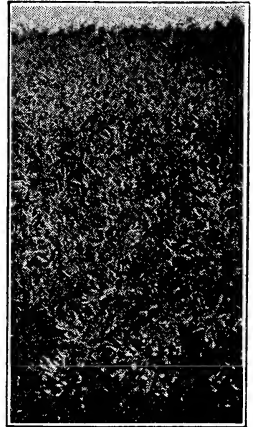
THE GREAT DRY LAND PASTURE AND HAY CROP

Sweet clover is the hardiest and most drouth resistant of all the members of the clover and alfalfa family, and is coming every year to play a more important part in the agriculture of the Northwest. Not only is it an extremely prolific source of hay and pasturage, but it is also a soil builder of great value. The white and yellow are biennial plants, producing only a small crop of hay or pasturage the first year and a good crop of hay and a seed crop or two crops of hay the second year. The Hubam variety is an annual that seeds the first year and dies. Sweet clover will take the place in the Northwest of the medium red further east. Sow 10 lbs. per acre with or without a nurse crop. A thin nurse crop seems to be the most popular method.



Sweet Clover Plant

SWEET CLOVER, White Blossom. This is the hardest clover known. Thrives in sand, gumbo and alkali, under very dry or very wet conditions. Will make an excellent pasture for either hogs or cattle. Prepares the soil for alfalfa. Gives early spring and late fall pasture and is safer than alfalfa for cattle. Is not as good as the yellow for hay, but better for pasture. Cut early and high for hay. 1 lb., 25c, postpaid. By express or freight, 10 lbs., \$1.50; 100 lbs., \$13.00.



Sweet Clover Field

SWEET CLOVER, Yellow Blossom. This is a finer foliaged, lower growing variety than the white blossom and makes better hay. It may be cut close to the ground while the white cannot. 1 lb., 25c, postpaid. By express or freight, 10 lbs., \$1.50; 100 lbs., \$14.00.

HUBAM OR ANNUAL WHITE SWEET CLOVER. This is the variety about which so much has been written and said in the past year or two. We gave it a try-out on our own land the past season, and found it to be just as described. It attained a growth of from five to six feet and made a good crop of seed. Price; 50c per lb., postpaid. By express or freight, 1 lb., 40c; 10 lbs., \$3.50; 100 lbs., \$30.00.

Will's Pioneer Brand Millet Seed

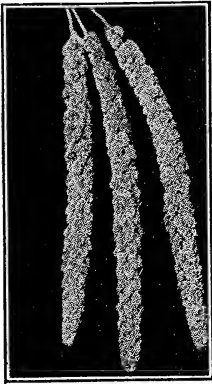
Millet prices include sacks, and are subject to market changes without notice. Write for prices on large lots. Sow 15 to 30 pounds per acre. In case of price advances or reductions, value will be sent.

SIBERIAN MILLET. This variety is the most planted of the extra hardy sorts. It is more drouth resistant than the German and produces a finer quality of hay, although it is slightly out-yielded by the German under favorable conditions. It does not degenerate from being planted in the north as does the German, and therefore northern grown seed is fully the equal of the southern. The seed is mostly red with some lighter mixture. We have both northern and southern grown stocks. Lb., 20c, postpaid. By express or freight, 10 lbs., 75c; 50 lbs., \$3.00; 100 lbs., \$5.00.

WHITE WONDER MILLET. The white Wonder has come to be recognized as one of the very best hay millets for the Northwest. It is drouth resistant with heavy foliage and broad leaves, producing an immense amount of excellent fodder. Its growth is very vigorous and in spite of its earliness it is one of the very heaviest yielding varieties. Due to its rapid growth it is a fine crop for smothering weeds on foul land. 1 lb., 25c, postpaid. By express or freight, 10 lbs., 75c; 25 lbs., \$1.50; 100 lbs., \$4.50.



Siberian Millet



White Wonder Heads

SOUTHERN GROWN GERMAN OF GOLDEN MILLET. German Millet is a hot climate plant and grows to greatest perfection pretty well south. What we want in the northwest is a stock of the southern product grown in southern Nebraska, southern Iowa, northern Kansas, northern Missouri, Illinois or Indiana. If the seed is grown farther south than these localities the growth will be rank and coarse like small corn stalks, and will not come near enough to maturity before killing frost to head out or contain anything but water and very little dry matter. When seed from the proper section is planted it is a wonderful producer of excellent hay. Our stock is grown in the right locality. By express or freight, 10 lbs., 75c; 50 lbs., \$3.00; 100 lbs., \$5.50.

HUNGARIAN MILLET. This is one of the very best and most productive varieties for northern growers. It is so valuable for hay that little has been saved for seed in the past few years. We have a good supply this season. Lb., 25c, postpaid. By express or freight, 10 lbs., 75c; 50 lbs., \$3.25; 100 lbs., \$6.00.

JAPANESE MILLET. This variety is of a different family from the others. It does best on heavy, moist soil where it will usually produce two cuttings or a great amount of pasture. Is better for horses than the ordinary sorts. Lb., 25c, postpaid. By express or freight, 10 lbs., \$1.00; 50 lbs., \$4.00; 100 lbs., \$6.00.

PROSO TYPE MILLETS

BROOM CORN OR HOG MILLET. This is the most common of the millets grown for seed production. The seed is an excellent feed for hogs, cattle and poultry. It is said to be very good also as a breakfast food for human consumption. The seed has very high food value. A great drouth resister. Color whitish yellow. Postpaid, lb., 20c; by express or freight, 10 lbs., 50c; 50 lbs., \$2.00; 100 lbs., \$3.75.

EARLY FORTUNE MILLET. The same as the Broom Corn Millet, except that the seed is red instead of yellow. By express or freight, 10 lbs., 75c; 50 lbs., \$2.25; 100 lbs., \$4.00.



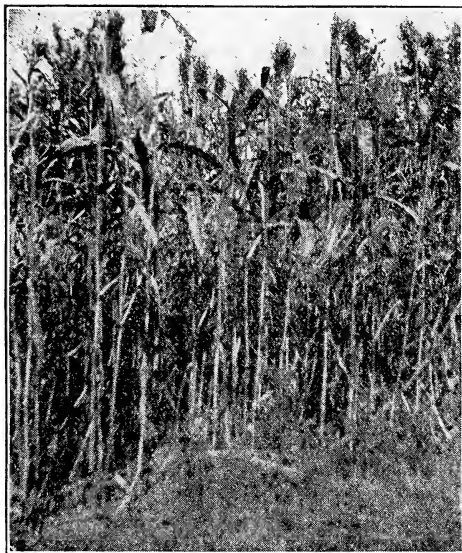
Proso Millet

Sorghums

Prices Include Sacks. Write for Special Prices on Large Lots.

The Sorghums are coming more and more to occupy an important place in the agriculture of the Northwest as diversified farming increases. Being extremely drouth resistant as well as very heavy yielders they are among the very best feed crops for the whole section, and no better feed for dairy cows or beef stock can be grown.

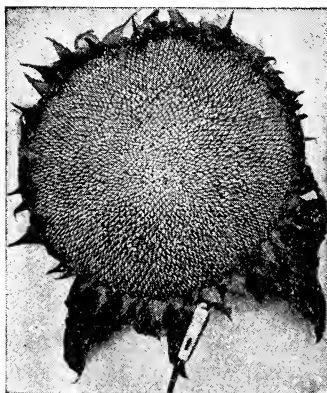
Do not plant Sorghums before June.



Early Amber Cane

SUDAN GRASS. The greatest annual Hay crop. This wonderful forage crop hardly requires much description. It is an annual crop which should be sown soon after June first and which will produce from two to three cuttings of hay and a quantity of pasture in the driest of years, providing there is enough rain to make it come up. Equally valuable for cattle and horses, it has none of the ill effects of millet and produces much more of a crop. If planted too early it becomes stunted and dwarfed; this agrees with reports from the Alberta Experiment Station. On poor, or dry soil sow in drills like fodder corn

and cultivate, elsewhere it may be drilled in or broadcasted as you would sow millet only rather thinner. 4 to 6 lbs. is sufficient per acre by the first method; when sown thicker use 16 to 24 lbs. **Lb., 30c, postpaid. By express or freight, 5 lbs., \$1.00; 10 lbs., \$1.75; 50 lbs., \$8.00; 100 lbs., \$15.00.**



Sunflower

EARLY AMBER CANE. This is the earliest maturing variety of Cane and the one usually raised in the North, both for fodder and syrup. Ripens in 90 to 100 days. Cane may be broadcasted, or planted in drills 3 feet apart and cultivated. In the first case sow about 50 pounds per acre; in the row method, sow 6 to 10 pounds per acre. Cane is a heavy producer of valuable feed, a good silo filler, and very drought resistant. **Lb., 20c, postpaid. By express or freight, 10 lbs., 75c; 50 lbs. \$3.25; 100 lbs., \$6.00.**

DAKOTA AMBER CANE. The best sort for syrup making in the north. This is seed of the amber variety which has been raised in one of the Dakotas or Minnesota, and which is perhaps a trifle earlier than the southern grown, and not quite so tall. **1 lb., 25c, postpaid. By express or freight, 10 lbs., \$1.00; 50 lbs., \$4.00; 100 lbs., \$7.00.**

FETERITA. This is a sorghum of recent introduction and is the most drought resistant forage plant we have. It belongs to the non-saccharine type of the sorghums and is related closely to Kaffir Corn, but is fully three weeks earlier. Drought cannot kill it, as it only suspends growth until moisture comes again. It may be cut for hay, pastured, or cut for grain, and it is early enough to often mature grain even in the Northwest. The grain has a high food value for both man and beast. The fodder is excellent, either green or cured, and it is very good silage. **1 lb., 20c, postpaid. By express or freight, 10 lbs., 75c; 50 lbs., \$3.00; 100 lbs., \$5.00.**



Feterita Head

Sunflower Seed

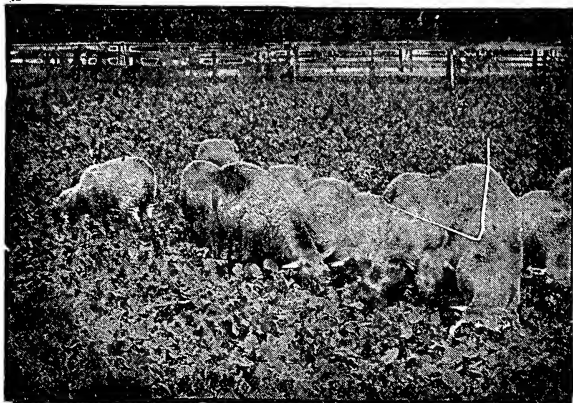
The sunflower has again made good as a silage crop during the past season, standing the drouth very well in comparison with corn and making an excellent yield where conditions were favorable. We do not believe that it is quite the equal of corn when the dry weather comes in August. Sunflower has yielded as high as 12 tons per acre in Western North Dakota, and has proven a very high grade feed for stock. Is not injured by light frosts and should be planted early for best results. **Lb., 30c postpaid. By express or freight, 10 lbs., \$1.50; 25 lbs. \$3.00; 50 lbs., \$5.50; 100 lbs., \$10.00.**

Rape

DWARF ESSEX RAPE. This plant, which is related to the rutabaga family is one of the very best forage plants for pasturing cattle, hogs, or sheep, as well as for silo filling. Thrives best in low moist soil such as a slough, lake bed or a coulee bottom. In such places it will produce a tremendous quantity of feed, growing out as fast as it is eaten off. We are glad to report that the price has dropped considerably. Lb., 30c, postpaid. By express or freight, 10 lbs., \$1.50; 50 lbs., \$6.50, 100 lbs., \$12.00.

Soy Beans

EXTRA EARLY. Soy beans are coming to play an important part in dairy and stock farming. They are very drought resistant, especially adapted to light and sandy soils, and equal in feeding value to alfalfa. They are soil enriching if soil is inoculated. Are excellent for silage or hay and can be grown anywhere that corn will grow if the early sorts are used. Price; 1 lb., 30c, postpaid. By express or freight, 10 lbs., \$1.50; 25 lbs., \$3.00; 50 lbs., \$5.00; 100 lbs., \$9.00.



Dwarf Essex Rape—Sheep Pasture



Soy Beans

nels of any variety. Sow in drills four feet apart, placing the nuts six inches apart. Pkt., 10c; 1-lb., 15c; 1-lb., 25c; 1 lb., 40c, postpaid. By express or freight, 1 lb., 35c; 5 lbs., \$1.50.

Vetch

VETCH, Sand, Hairy or Winter. May be sown in the fall or spring for hay or pasture. Does not stand our winter well at all times. Sow with winter rye, or with oats in spring, at the rate of 30 pounds per acre. If used alone sow 60 pounds per acre. 1 lb., 35c, postpaid. By express or freight, 10 lbs., \$2.50; 100 lbs., \$20.00.

Peanuts

SPANISH. Earliest variety grown. Pods are small, but remarkably solid and well filled. Sow in drills 3 feet apart, placing the nuts 8 to 10 inches apart to allow for bushy habit of the plants. Pkt., 10c; 1-lb., 15c; 1-lb., 25c; 1 lb., 35c, postpaid. By express, 1 lb., 30c; 5 lbs., \$1.10.

MAMMOTH VIRGINIA. The most prolific variety to grow, and more desirable than the common spreading kind, because more easily cultivated. It has very erect stems and upright foliage, and the largest pods and kernels.

Cow Peas

WHIP-POOR-WILL. This is a soil enriching legume about which too little is known in the Northwest. The Whip-Poor-Will is an early variety maturing in about 90 days. Cow Peas, ripe, are valuable either as human food or food for stock. The vines make the finest kind of hay green, and are eaten by stock dry; are an excellent silo filler, and may be pastured by hogs or cattle. Do not plant until the ground is warm. For pasture, hay or soiling, broadcast or drill with a grain drill at the rate of one bushel per acre. For seed sow in rows 36 inches apart and cultivate. 1 lb., 30c, postpaid. By express or freight, 10 lbs., \$1.25; 50 lbs., \$5.00; 100 lbs., \$8.00.

Green House Department



PELARGONIUM

(Improved Martha Washington Geranium). Everyone knows this plant. There is nothing better for either spring blooming in the house or for bedding-out later. We have the red and lavender-orchid sorts, both having the black blotches on the flower petals. This is a big plant value at our unusually low price. **4 inch pot, Price 50c each; \$5.00 per dozen; postpaid out of pot 65c each.**

Blooming plants and ferns shipped during the winter or Easter season, will go forward in pots. Late spring shipments will be regarded as intended for bedding purposes, and with the exception of Boston and Harrisonii ferns, all plants growing in pots of under six inches in diameter will be shipped out of pots.

Ferns

The Ferns we list are varieties which are especially adapted for growing in the home. We have a large stock of thrifty, well grown plants in good condition. These can be shipped at any time of the year.

BOSTON—(Sword Fern). The largest seller of all ornamental plants because it is the most satisfactory. Fine values at the following prices. **4-inch, 75c; 5-inch, \$1.25; 7-inch, \$2.50; 9-inch, \$4.00.** Specimen plants at \$5.00 to \$10.00.

HARRISONII. A handsome crested type of fern, more compact than the Boston. Excellent as a house plant or for gifts. Same sizes and prices as the Boston.

ASPARAGUS PLUMOSUS. Bushy plants with lacelike foliage and drooping fronds. It thrives in the ordinary living room temperature. Fine for jardinières and as center plants in groups. **3-inch, 40c; 4-inch, 75c.**

ASPARAGUS SPRENGERI. Largely used for hanging baskets, window boxes and vases and is the best fern for outdoor planting. Its long sprays of feathery foliage are very attractive. **3-inch, 40c; 4-inch, 75c.**

FILLED HANGING BASKETS

Moss lined baskets containing Ferns, Geraniums, Vines, etc. A special value in plants. **\$2.00 to \$5.00 each. Empty basket frames, 65c each, postpaid.**

Flowers are the most appropriate gift or remembrance for any occasion. Our greenhouses are at your service at all times. We always have a good selection of Cut Flowers in their season at reasonable prices while any of the Blooming Plants and Ferns listed below will prove a very satisfactory gift. Our designer is an expert and his creations for funerals, weddings, etc., are sure to please.

We can make immediate deliveries to the following institutions: Bismarck Hospital, Bismarck, N. D., St. Alexius Hospital, Bismarck, N. D., Mandan Hospital, Mandan, N. Dakota.

Drop us a card if you wish us to send you the special flower lists we issue at Christmas, Easter, Mother's Day, and Memorial Day.

Send for our Fall List.

We are members of The Florists' Telegraph Delivery Association.

This organization is composed of the best and most reliable retail florists in Canada, the United States and foreign countries. Should you wish to have flowers delivered anywhere in the civilized world, give us your order and if in time for a letter to reach our Member, there is no extra charge, but if cable or telegram is necessary that is the only extra charge, just the cost of the wire.

Be Sure to Read This Important Notice Before Ordering

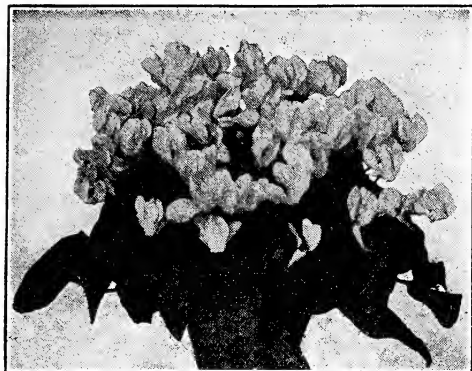
All plants and flowers are priced for shipment by express at the purchaser's expense unless otherwise distinctly stated. We pack all shipments carefully, but our responsibility for them ends on delivery to the Express Co. in good condition.

We do not recommend parcel post shipments of flowers or plants and will not be responsible for them if sent that way, but if customers request shipments by mail, and include postage with their remittance we will pack and deliver to the post-office in good order. Flower and plant shipments by parcel post cannot be insured.



Boston Fern

House Plants



Large Cyclamen in Bloom

BEGONIAS

The favorite everblooming sorts. Excellent for house growing and are also widely used for bedding purposes. The Rex Begonia is grown for the beauty of its foliage, the blossoms being small.

Gracilis Luminosa. Foliage a lustrous reddish brown, the flowers are a fiery dark scarlet. Strong plants 40c each. Larger size at 75c each.

Prima Donna. A showy rose pink in color and a very satisfactory sort. 40c each.

Rex (Painted Leaf). A specialty of ours. Fine plants with wonderful colorings. 75c each.

CALLA LILY. Of marvelous beauty, the flowers are rich, pure white and often five inches across. The beauty of the foliage with the splendor of the flowers presents a striking appearance. In 4-inch pots, \$1.00; 6 inch, \$1.50.

Dry calla bulbs should be planted in September and are listed in our Fall list issued August 15th. Send for a copy.

CHRYSANTHEMUM. The finest flower in its season. See our Fall List.

CINERARIA. A wonderfully fine plant. They are compact in growth, the foliage is large and bold and is surmounted by trusses of flowers, each flower one to three inches in diameter. All colors except the yellow shades, and including some beautiful two color sorts. Season November 15th to April 15th. Price \$1.00 and \$1.50.

CYCLAMEN. This graceful plant is very popular, especially at Christmas, and makes a splendid gift, as it continues blooming for a long time. The flowers are borne above the attractively marked leaves. Colors white, pink, salmon and red. Season November 1 to March 1st. Prices \$1.00; \$1.75; and \$2.50.

EASTER LILY. This beautiful lily is ready for shipping two weeks before Easter each year. Prices \$1.50; \$2.00; \$2.50.

FUCHSIA. One of the best house plants and does well outdoors in any protected north shady location. Glossy green leaves and beautiful pendant blooms of pink with white, pink, and blue centers. Strong plants 60c each.

HELIOTROPE. Velvety foliage and clusters of lavender colored flowers of exquisite fragrance make this one of the best beloved plants, both as a house plant and for bedding. 25c each; \$2.25 per dozen.

LANTANA—(Weeping). A favorite for hanging baskets and similar uses. Velvety green foliage with clusters of lavender pink flowers. 35c each; \$3.50 per dozen.

PELARGONIUM—Easter Greeting and German Glory. See our special offer on page 74. 50c each.

PRIMROSE—Obconica Gigantea. A large new everblooming strain of this popular flower. Colors white, pink, and lavender. 75c and \$1.25 each.



Primrose Obconica Gigantea

Vines for Hanging Baskets, Window Boxes, Etc.

ENGLISH IVY. A very showy vine and much used for either indoor or outdoor planting. 25c each; \$2.50 per dozen. Postpaid, 30c each.

GERMAN OR PARLOR IVY. A rapid growing vine with bright green foliage. Very useful for hanging baskets and vases. 25c each; \$2.50 per dozen. Postpaid, 30c each.

MADEIRA VINE. A rapid climber with dark green leaves and fragrant white flowers. Much used in house and window box culture, also for porch screens, etc. Strong plants. 30c each; \$3.00 per dozen. Postpaid, 35c each. Dry bulbs, postpaid for 15c each; \$1.50 per dozen.

TRADESCANTIA—(Wandering Jew). A fast growing vine widely used for hanging baskets, etc. We offer both the green and variegated leaf types. Please specify which you wish. 20c each, \$2.00 per dozen. Postpaid, 25c each.

VINCA—Green. A handsome trailing vine, splendid for window boxes and vase fillings. Glossy green foliage. 30c each; \$3.00 per dozen. Postpaid, 35c each.

VINCA—Variegated. A popular vine, with green and white variegated leaves. 30c each; \$3.00 per dozen. Postpaid, 35c each.

Bedding Plants

ACHYRANTHES. A splendid foliage plant, growing from one to two feet high. Red leaves and stalks make it attractive and it is hardier and stronger than the Coleus for bedding. 20c each; \$2.00 per dozen. Postpaid 25c each; \$2.50 per dozen.

ANTIRRHINUM—(Snapdragon). Valuable for beds, borders, and for cut flowers. Large spikes of lovely flowers borne continuously. We offer them in silver pink, white, and yellow. 15c each; \$1.50 per dozen. Postpaid, 20c each; \$2.00 per dozen.

ASTERS. We offer strong plants of the Early Branching variety, which we find to be the best for bedding. Colors white, pink, lavender and purple. 50c per dozen; \$3.50 per 100. Postpaid, 60c per dozen.

COLEUS. As a foliage plant, the Coleus is widely used for distinctive arrangements in beds and borders. We grow them in red, yellow, and variegated. Also the Trailing Queen, a small leaved variegated sort used for baskets, etc., as well as bedding. Fine plants, 15c each; \$1.50 per dozen. Postpaid, 20c each; \$2.00 per dozen.

CANNAS—From 4 inch Pots. For varieties and prices see Page 77.

CALENDULA—Orange King. A new type of Calendula or Marigold with large blooms and very prolific. Color bright orange. Blossoms all summer long. 15c each; \$1.50 per dozen. Postpaid, 20c each; \$2.00 per doz.

DUSTY MILLER. This is a better type than is usually offered. The foliage is fern-like and silver grey in color. An excellent border plant. 15c each; \$1.50 per dozen. Postpaid, 20c each; \$2.00 per dozen.

DAISY. Marguerite (Single) and Mrs. Sanders (double). Continuous bloomers well adapted for bedding and for cut flowers. Bedding size 35c each; \$3.50 per dozen. Postpaid, 45c each; \$4.50 per dozen.

FEVERFEW. A vigorous, strong growing plant bearing clusters of snow-white flowers. It produces a succession of bloom and is unexcelled for bedding or cemetery use. 15c each; \$1.50 per dozen. Postpaid, 20c each; \$2.00 per dozen.

GERANIUMS. The most satisfactory plant for bedding and window boxes. Blooms the year round. We offer the best sun-proof varieties in the popular colors. For large beds we recommend plantings of one solid color to obtain the best effects. Note the reduced prices. 3-inch, 25c each; \$2.50 per dozen. Postpaid, 35c each; \$3.50 per dozen; 4 inch, 40c each; \$3.50 per dozen. Postpaid, 50c each; \$5.00 per dozen.

MADAME BUCHNER. The standard white variety. Good habit of growth and a free bloomer.

HELEN MITCHELL. A new brilliant scarlet geranium of great merit. A splendid bedder.

S. A. NUTT. This is the best and most widely used bedding geranium grown. Color deep red.

BEAUTE POITEVINE. Lovely salmon pink blooms. A free bloomer and a justly popular sort.

ROSE SCENTED. The best of the skeleton leaved sorts.

IVY GERANIUM. This is the full trailing sort with the glossy foliage and rose pink blooms. Very popular for window boxes.

MADAME SALLEROI. Variegated white and silver green foliage geranium. Furnished in the three inch size only.

PANSIES. As fine plants as can be grown and from the best seed money can buy. Mixed colors. Large plants of best quality. 50c per dozen. By mail, 65c per dozen.

PETUNIAS. Single. Excellent bedding and window box plants in a wide range of colors, including, Frilled Pink, Rosy Morn (pink), white, blue and mixed. 15c each; \$1.50 per dozen. Postpaid, 20c each; \$2.00 per dozen.

PETUNIAS. (Double). Very double blooms in white, red and purple mixtures. 35c each; \$3.50 per dozen. Postpaid, 45c each.

LOBELIA. Compact Type. One of the best border plants and for edging. Blooms very freely, deep blue blossoms with small bright green leaves. 15c each; \$1.50 per dozen. Postpaid, 20c each; \$2.00 per dozen.

LOBELIA. Trailing Type. Has the same bloom and foliage as the Compact type, but being of trailing growth it is much used for window boxes, baskets, etc. 15c each; \$1.50 per dozen. Postpaid, 20c each; \$2.00 per dozen.

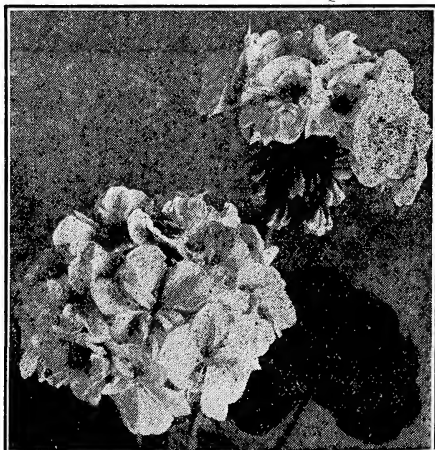
SALVIA SPLENDENS. (Scarlet Sage). Erect brilliant scarlet flower spikes above dark green foliage. Blooms late in the summer. 35c each; \$3.50 per dozen. Postpaid, 45c each.

VERBENA. A very effective and easily grown bedding plant. Fine for borders. We have the red, blue and white varieties. 15c each; \$1.50 per dozen. Postpaid, 20c each; \$2.00 dozen.

ZINNIAS. Dahlia Flowered. A new introduction. They make a very gaudy bedding plant. Stocky transplants in mixed colors. 50c per dozen. Postpaid, 60c per dozen.



Antirrhinum



Geraniums

Summer Flowering Bulbs

Complete cultural directions furnished free with each order



Three Types of Dahlias

SHENANDOAH. 2-3 ft. Foliage is rich ruby-red, veined and tinted with bronze. It bears large trusses of beautiful rose-pink bloom.
WYOMING. 4-5 ft. Large orchid flowers a beautiful shade of orange. Strong bronze foliage, very attractive.

DAHLIAS

One of the greatest of outdoor plants. For backgrounds and wall plantings Dahlias surpass any other flower. Roots or bulbs may be kept from year to year, thus making the Dahlia very inexpensive to grow. We list dormant roots only

NEW AND RARE SORTS, 40c each; 6 for \$2.00; 12 for \$3.50, postpaid.

FRANK A. WALKER (Decorative type). Large flowers of charming deep lavender-pink produced in great abundance. Exceptionally good for both garden decoration and cutting.

J. H. JACKSON (Cactus). A perfectly gorgeous velvety blackish maroon. Gigantic in size.

MINA BURGLE (Decorative). A champion variety. Perfect flowers on long wiry stems. Color a glowing and brilliant scarlet.

STANDARD VARIETIES—30c each; 6 for \$1.50; 12 for \$2.50, postpaid.

ARABELLA (Ball or Show). Primrose-yellow suffused with pink. Very early.

JACK ROSE (Decorative). Bears a profusion of rich crimson flowers throughout the season. Our most popular dahlia.

LE GRAND MANITOU (Decorative). Enormous purple blooms slashed with white. Must be seen to be appreciated.

LIBELLE (Cactus). Strikingly large wine colored flowers. A beauty.

PRINCESS JULIANA (Decorative). The best clear white dahlia ever introduced.

SPECIAL OFFER—One each of the eight named Dahlias listed above for \$2.15, postpaid.

CAPITAL DAHLIA MIXTURE. Our most popular collection. Try a dozen this year and you, too, will see what a big value it is. Selected from a choice collection of named varieties and hybrids. Includes all types and colors. 6 for 90c; 12 for \$1.50, postpaid.

GLADIOLI

Gladioli produce giant spikes of perfect blooms in wonderful colors and great profusion. They are one of the best values in the summer flowering bulbs, being splendid for cut flowers and requiring no special soil or attention. Plantings from April to June will provide flowers until frost. We offer strong bulbs of the most satisfactory varieties.

The following varieties 6 for 75c; 12 for \$1.35, postpaid. (We will assort varieties as desired).

CONSPICUOUS. A new blue Gladiolus; the best of its color. Has yellow centers on the lower petals.

GENERAL JOFFRE. Large flowers of deep blood red on tall and stately spikes.

GOLIATH. An improvement of "Empress of India" and grows much larger. Color purplish-maroon, or wine color.

LILY WHITE. A splendid early white gladiolus. Very prolific.

WILBRINK. Rapidly becoming one of the most popular sorts. Large flowers of delicate pale pink. Extremely early.

The following varieties 6 for 50c; 12 for 90c, postpaid. (We will assort varieties as desired).

AMERICA. The old favorite. Exquisite soft pink tinted with lavender.

CHICAGO WHITE. A very early white gladiolus with lavender throat markings.

HALEY. Salmon pink blotched with cream. Among the earliest sorts.

IDA VAN. A beautiful deep salmon red or orange-pink. Very rich coloring.

MRS. FRANK PENDLETON. A lovely rose pink blended with white. Carmine markings. Large spikes and flowers.

MORNING GLORY. An improved "Schwaben". Clear Canary yellow with dark red in the throat.

PIONEER GLADIOLUS MIXTURE. We strive each year to improve the quality of this very popular Mixture. A wonderful assortment, containing a large percentage of the best varieties and latest novelties. We recommend this as one of the best bulb investments you can make. Note the lower prices. Price; 55c per dozen; 50 for \$2.00; 100 for \$3.75, postpaid.



"Wilbrink"
Gladiolus

Vegetable Plants

Ours are stocky, well rooted plants of the finest early strains suitable for the short growing seasons of the Northwest. These plants are priced as low as you can grow them yourself. Special strains of plants cannot be furnished, as that would entail too much additional work and expense.

Potted Tomato Plants are a specialty of ours and start bearing about two weeks earlier than the transplanted. Shipped in paper pots.

NOTE—Vegetable plants are very perishable and we cannot guarantee safe arrival. We recommend shipments by express as the quickest and safest way. We are always glad to handle express loss or damage claims for our customers.

	Postpaid		By Express		
	Per 12	Per 100	Per 12	Per 100	Per 1000
Cabbage, Early, Transplanted.....	\$0.30	1.60	.25	1.25	
Cabbage, Early seedlings, .....	.20	.75	.15	.60	4.75
Cabbage, Late seedlings, .....	.20	.75	.15	.60	4.75
Cauliflower, Early, transplanted .....	.35	2.00	.30	1.60	
Celery, Self Blanching, transplanted..	.45	2.75	.35	2.25	

(Write for prices on large lots of celery seedlings).

Egg Plant, Early, Transplanted .....	.60	4.00	.50	3.25	
Pepper, Early Sweet, Transplanted .....	.60	4.00	.50	3.25	
Tomato, Best Early, Transplanted .....	.45	2.75	.35	2.25	
Tomato, from pots, Extra Early			1.00	6.50	
Tomato, Yellow Plum Transplanted .....	.45	2.75	.35	2.25	
Sweet Potato, Yellow Jersey .....	.30	1.50	.25	1.25	8.50
Mint Plants, for garnishing, etc.	Postpaid 25c each; \$1.75 per dozen.		By express, 20c each; \$1.25 per dozen.		

STONEWARE FLOWER POTS AND SAUCERS

Prices for shipment by express, F. O. B. Bismarck.

	Pots		Saucers	
	Each	Dozen	Each	Dozen
2 in. diam. ....	.05	.50		
2½ in. diam. ....	.06	.60		
3 in. diam. ....	.07	.70	.05	.50
4 in. diam. ....	.10	1.00	.06	.60
5 in. diam. ....	.13	1.30	.08	.80
6 in. diam. ....	.18	1.90	.10	1.00
7 in. diam. ....	.25	2.60	.15	1.50
8 in. diam. ....	.35	3.70	.20	2.00
9 in. diam. ....	.50	5.50	.25	2.60

Stoneware Hanging Baskets, with chains.
8 inch diam., \$1.00; 10 inch, \$1.50.

"NEPONSET" PAPER FLOWER POTS

Waterproof. Just the thing for starting vegetable and bedding plants, etc. 3 inch size, 30c per dozen, postpaid. By express \$2.00 per 100; \$12.00 per 1000.

"SAVO" FERN AND PLANT BOXES

For both winter and summer use. Plants watered automatically. Fill reservoir once a week. No drip or drainage required. Made of steel with roll rim. Enamelled a beautiful Pullman green. Will last for years. Prices, 23 inch length \$3.50; 29 inch, \$4.25; 35 inch, \$5.00; 41 inch, \$6.00. All 8 inches high and 9½ inches wide. 29 inch box with stand 30½ inches high, \$12.00. All prices for express shipment.

Be sure to send for our Fall Bulb and Perennial List issued August 15th.



Cut Flower Table Basket

7 inches high with inside metal container. Price, \$1.75, postpaid.



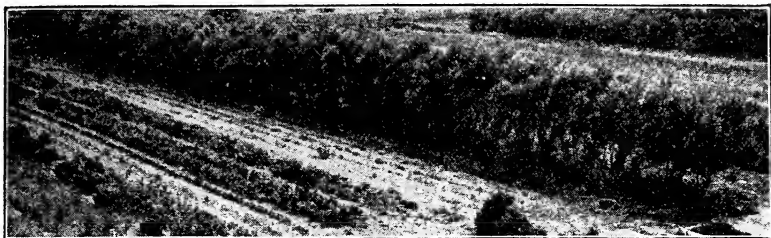
Jardiniere Basket

Size to fit 6"	standard pot	\$2.25
Size to fit 7"	standard pot	2.60
Size to fit 8"	standard pot	2.95
Size to fit 9"	standard pot	3.50
Size to fit 10"	standard pot	4.25

All postpaid.

Both of the above baskets furnished in meadow green, tobacco brown or driftwood gray. State color desired.

Bismarck Nursery



WE BELONG TO THE AMERICAN ASSOCIATION OF NURSEYRYMEN

Buy **WILL'S HOME GROWN** nursery stock direct from us, and save Agent's commissions.

WE ARE PRODUCERS, NOT DEALERS.

Our GUARANTEE.—We use our utmost endeavors to see that all stock shipped out is true to name and of the quality represented or better; in event that goods upon receipt prove to be wrongly marked or inferior we shall be glad to refund customers money or replace the stock as he may elect. We are not responsible for damage to goods in transit; therefore you must examine at the express or freight office and have any damage noted upon your express or freight receipt. We are always glad to replace goods injured in transit providing receipt showing damage is returned to us so that we may enter claim and reimburse ourselves.

We do not guarantee safe delivery of mail orders but pack them just as well as we possibly can, and they are nearly always delivered in good condition.

If stock arrives in good condition and our planting instructions are followed we are willing to replace once any stock lost at half price.

SHIPPING.—Orders will be forwarded at our discretion and when we can ship. Orders are not taken for shipment on any special date unless specifically so acknowledged. Express is the safest and quickest way to ship.

CANADIAN ORDERS.—Must go by freight or express, and must be received by us before May first.

ORDER EARLY.—January and February orders and up to March 15th., receive better attention, get the best stock and are shipped early.

VISITORS WELCOME.—We are always glad to conduct you personally thru our Nurseries and Orchard. Call at Office on 4th St., or go south on 7th., which will bring you into the Nurseries.

CERTIFICATE OF EXAMINATION. Our Nurseries are inspected annually by the State Horticulturist and certificate accompanies each order.

CARE OF STOCK.—All nursery stock leaves our packing cellar in first class condition. If your goods have been overlong on the road, or upon arrival are evidently in bad order, have the express agent make note of the same on express bill before you sign it.

If trees are to be planted soon, place roots in water and let them remain for several hours. If stock cannot be planted for several days, place roots in a trench and cover firmly with moist earth.

PLANTING INSTRUCTIONS.—Complete planting instructions will be enclosed with each order of nursery stock when shipped.

CULTIVATION.—All groves and wind-breaks should be well cultivated for four or five years after planting. Lawn and avenue trees cannot be cultivated to the same extent, but a small space about each tree should be kept free from grass and weeds and thoroughly mulched.

TREES BY MAIL.—We can ship parcels up to 70 pounds in 1st and 2nd zones; and up to 50 pounds in all other zones. Where postage is not included, we will send stock C. O. D. to cover postage, you paying postage on receipt of trees.

REFERRING TO ORDERS.—When writing to us about your Nursery stock, **ALWAYS** give your order number and state whether goods were to be shipped by express, freight or mail.

FALL PLANTING.—Peonies and other Perennial flowers do exceptionally well when planted in Fall. Ask for special Fall price list. Can also supply trees, shrubs, etc., at current catalog prices.

LANDSCAPE DEPARTMENT.—We have made arrangements with an up-to-date Landscape Service for the benefit of our numerous customers who need professional help without going to great expense. Sketches, Blue-prints, estimates, etc., furnished for City and Country homes, School-Houses, Parks, Cemeteries, etc. Drop us a card for particulars.

HOME GROUNDS.—For four cents in stamps (to cover postage) we will send you this illustrated, 32-page booklet, **FREE OF CHARGE**, which covers the planting problems, both fruit and ornamental, that confront the prospective tree planter. Ask for it.

Flowering Perennials

In the following list of perennial flowers, will be found the hardiest and best selections of the various groups of those choice flowers which come up year after year. All perennials appreciate rich soils and a good mulch of manure in the Fall after the ground is frozen, which should be taken off early in spring and worked well into the soil. Practically all perennials, except the Peonies and some of the Iris varieties, will bloom the first year.

Many of these are natives whose introduction we have made a specialty. Height to which plant grows is given after each description.

PRICES—All perennial roots, unless otherwise noted; 15c each; dozen, \$1.50. By mail, 20c each; dozen, \$2.00.

EARLY FLOWERING SORTS

COLUMBINE—(*Aquilegia canadensis*). The red and yellow flowered sort of this old favorite, sometimes called honeysuckle. Blooms from May to July, height 18 to 24 in.

VIOLETS. These are exceptionally valuable in shaded and partly shaded locations and are among the most beautiful of early spring flowers. Bloom in May and early June. We have the white and blue sorts. 5 to 9 in.

ANEMONE OR WINDFLOWER—(*Anemone canadensis*). Offered last year for the first time. Has beautiful white flowers in June and July and will do especially well mixed in with partially shaded shrubbery. 12 to 18 inches.



Columbine

PENTSTEMON—(Early White). A dwarf sort, a hardy native, useful in clumps for early border. 10 to 15 in.

BLUE PERENNIAL FLAX. Another beautiful native which we are adding to our list. Very hardy and thrives well in any soil, producing a dense mass of stems covered with beautiful blue flowers in June and early July. 18-24 in.

MEDIUM EARLY SORTS

PENTSTEMON GRANDIFLORA. This is perhaps the most beautiful of all our native flowers; blossoms of lavender or blue, bell-like in shape and nearly an inch in diameter, covering a spike from 18 to 24 inches long. Blooms early in July.



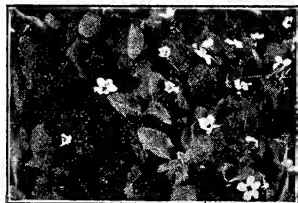
Pentstemon Grandiflora

HOLLYHOCK. Vigorous strong growing plants with elegant, camelia-like flowers forming perfect rosettes, which bloom thruout the summer in the most lovely shades of color. Very attractive and free-flowering. 4-8 feet.

LILY OF THE VALLEY—(*Convallaria*). A great shade and rich soil loving plant. Foliage is a dark glossy green, flowers pure white, bell shaped, racemes gracefully arching. Very fragrant. 6 to 12 inches.

DAISY, SHASTA—(*Chrysanthemum max*).. Flowers large, pure white and very graceful, blooming more freely each season. Makes an exceptionally attractive border plant. 12 to 18 inches.

YUCCA—(*Yucca glauca*). Unlike the *Yucca filamentosa*, this variety is **ABSOLUTELY HARDY**, but smaller. Will thrive on dry, gravelly soils. Blooms in July, flowers of which are large, bell-like and greenish white. 1-1½ feet.



Violets

ACHILLEA—(The Pearl). One of our finest hardy herbaceous border and bedding plants. Has pure white double flowers in dense clusters blooming from July until October. Also used much in cemeteries and for cutting purposes, 1-1½ feet.

BABY'S BREATH—(*Gypsophila paniculata*). A very graceful plant blooming in August and September, when it becomes a mass of minute pure white blossoms, unexcelled for cutting, 2 feet.

BLEEDING HEART—(*Dicentra spectabilis*). One of the very best old fashioned garden plants and hardy in every respect. Very fine for borders or margins of shrubbery. Quite distinct and very scarce the last few years. Each, 50c; mail, each, 60c.

BELL FLOWER JAPANESE—(*Platycodon gr.*). A very handsome border plant, the flowers when in the bud stage, having the appearance of bells or inflated balloons. **WHITE** or **BLUE**.

Prices 15c each; doz. \$1.50; by mail 20c each; doz. \$2.00.

DELPHINIUM OR PERENNIAL LARKSPUR. An old fashioned flower that is always popular. Fern like foliage with long spikes of blue flowers. 2 to 4 ft.

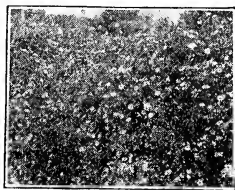
MEDIUM LATE FLOWERING PERENNIALS

LEAD PLANT—(Amorpha canescens). A bushy, very striking plant with grayish, lead colored foliage with much divided leaves. Flowers in the last half of July, bearing numerous clusters of very brilliant purplish blue flowers which remain for a long time. Plant is compact and attains a height of about 2 ft.

SWEET WILLIAM—(Dianthus barbatus). The grand well known old fashioned favorite, with a wide range of colors and conditions. 12 to 18 inches.

TIGER LILY—(Lilium tigrinum). Flowers bright deep orange red, spotted with purplish black spots. Very useful, thriving from year to year in open border. 2 to 4 feet. Dormant bulbs only.

FOXGLOVE—(Digitalis purpurea). Famous for their long racemes of inflated flowers which suggest spires or towers of bells. They are of the easiest culture and prefer partial shade. 2-3 feet.

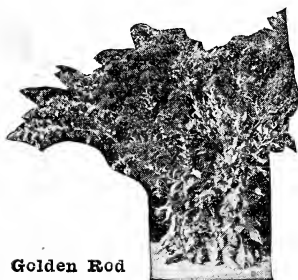


Boltonia

LATE FLOWERING PERENNIALS

BOLTONIA ASTEROIDES—Perennial—(White). These are hard to equal for their shades of color and extreme profusion of bloom during the autumn months. Sturdy roots.

TALL BLAZING STAR. (Liatris squarrosa). This is one of the most beautiful of mid season perennials, purple, feathery flowers borne thickly on a long spike during July and August. 24 to 36 in.



Golden Rod

DWARF BLAZING STAR. This is a small variety of the one previously listed. Very hardy and drouth resistant, especially suited to sandy soil. Deep purple flowers on wand like stems in July and August. 10 to 20 in.

BLUE UPLAND ASTER. This is one of the handsomest of the native asters, dwarf in habit, extremely profuse bloomer, with large blue, yellow-centered flowers; one of the latest perennials, blooming till October. 12 to 24 in.

GOLDENBOD—(Solidago canadensis). A bold plant with large heavy foliage and immense heads of yellow flowers. Very beautiful, especially when used as a background or intermixed with native Aster. 4-5 feet.

GOLDEN GLOW—(Rudbeckia). A very free flowering and one of our most attractive autumn flowering perennials for massing or mixed borders, producing beautiful double golden yellow flowers in great profusion from August until October. 5-6 feet.

MAXIMILIAN'S SUNFLOWER—(Helianthus). Large single flowers borne profusely, rich golden yellow, center reddish brown. Dark green drooping foliage. Blooms August and September. Five to seven feet.

Hardy Iris

A grand family with many varieties. The flowers are amongst the most glorious of our hardy gardens, and by proper selection, may be had in bloom for several weeks. We are offering a First Class List at Pre-War Prices.

Prices are for express shipment except where otherwise noted.

IRIS PUMILA

SAMBO. The earliest of all iris, a dwarf variety of uncommon beauty which blooms very early in the spring. Color a rich purple. Especially suited for edging and borders. Each, 15c; doz., \$1.25; by mail each, 20c; doz., \$1.50.

SIBERIAN IRIS

Each, 15c; doz., \$1.50; by mail, each 20c; doz., \$2.00.

ORIENTALIS. Large handsome violet blue flowers blossoming after the flag iris are gone. This variety, having conspicuous crimson spathe valves, is also very ornamental in the bud stage. 2-3 feet.

SNOW QUEEN. An exquisite new variety with flowers ivory white in color and one of the finest of the whole Iris family. 2 to 3 feet.

GEORGE WALLACE. A very pleasing color combination of blue and white. One of the tallest varieties of the Iris family. 3 to 4 feet.

GERMANICA OR FLAG IRIS

MADAME CHEREAU. Tall, with high standards. Flowers white with blue margins. 15c each; \$1.50 per dozen; mail, each 20c.

FLAVESCENS OR CANARY BIRD. One of the best, and very conspicuous when planted in a mass. Uprights soft, creamy yellow, falls paler cream color, with striped base. 20c each; \$2.00 per 12; mail, 25c each.

QUEEN OF MAY. A new and choice variety with mauve-purple flowers. 20c each; \$2.00 per doz.; mail, each 25c.

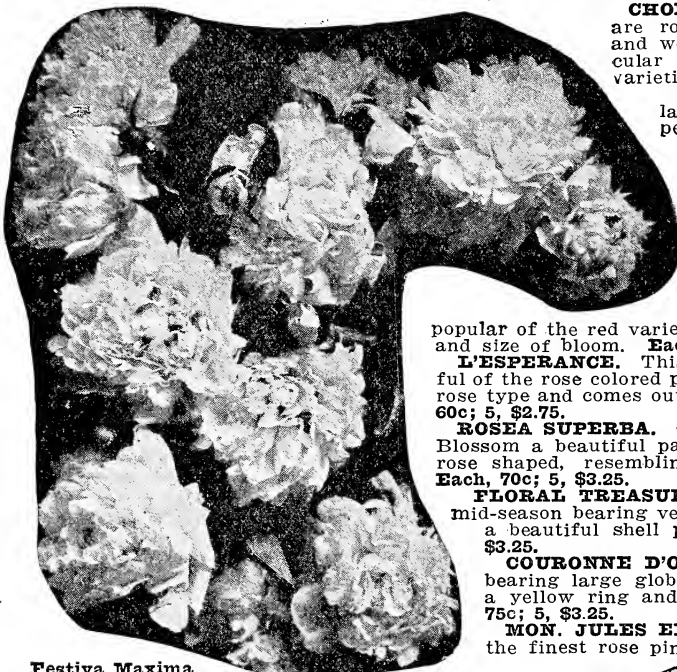
SILVER KING. Solid lavender fading to white. Each, 15c; \$1.50 per 12; by mail, 20c each.

SANS SOUCI. Upright petals, a rich striking yellow. Drooping petals dull maroon. Small size. 15c each; \$1.50 per doz.; by mail, 20c each.

IRIS ARENARIA. A tall, late blooming sort, suited to light soils, and very drouth resistant. Blossom large and yellow in color. Each 15c; doz., \$1.50; by mail, each, 20c; doz., \$1.75.

Peonies

The Peonies are without doubt the most hardy, beautiful, and easily grown perennials of all the flowers grown within the temperate zone and when once planted, last a life-time. They are likewise unsurpassable for indoor decoration, the cut flowers retaining their freshness for a week or more. **Prices by Express, for Mail Orders add five cents per Root.**



Festiva Maxima

flowers are of tremendous size, very compact, and display class in shape, color and size. This is probably the largest peony known. **Each, \$1.50; 5, \$6.00.**

KARL ROSENFELD. This is by far the finest, largest red peony and possesses the finest color. A strong grower, excellent to cut and in fact surpassing in every respect. **Each, \$3.00; 5, \$12.00.**

RHUBARB OR PIE PLANT ROOTS

Planting our strong roots saves you from 1 1/2 to 2 years over seed. Our variety produces extra large stalks which for canning and cooking are unsurpassed.

MONARCH. Strong, vigorous grower, producing extra large stalks of finest quality, of a decided pink color. For canning or cooking in any way its quality is unsurpassed. **Per dozen, \$1.25, postpaid. By express or freight, \$1.00.**

ASPARAGUS ROOTS

Whether living on the farm or in town, this easily grown vegetable should find a place in every garden.

CONOVERS COLOSSAL. This is the largest and most extensively grown green variety.

COLUMBIA MAMMOTH. A distinct white variety of strong and vigorous growth, producing very large white shoots, which in favorable weather will remain white as long as fit for use.

Price, either kind, 2-yr. undivided roots. By mail, 25, 85c; 100, \$2.25; express, 25, 75c; 50, \$1.25; 100, \$2.00; 500, \$8.00; 1000, \$15.00.

HORSERADISH ROOTS

BOHEMIAN. A particularly large and smooth-rooted variety of strong flavor. **Post-paid, dozen, 30c; by express, dozen, 25c.**

COMMON. The old-fashioned sort. **Postpaid, dozen, 25c; by express, dozen, 20c.**

CHOICE MIXED ROOTS. These are roots from mixed plantings and we cannot furnish any particular color, but all are of choice varieties. **Each, 35c; doz., \$3.00.**

FESTIVA MAXIMA. The largest and finest of all white peonies. Rose type of flower, pure white with faint carmine spots in the center. This variety is unexcelled for beauty and is a very early bloomer. **Each, 50c, 5, \$2.25.**

MARECHAL VAILLANT. This is the same as the Grandiflora rubra and is perhaps the most

popular of the red varieties, excelling both in color and size of bloom. **Each, 50c; 5, \$2.25.**

L'ESPERANCE. This is one of the most beautiful of the rose colored peonies, a large bloom of the rose type and comes out early in the season. **Each, 60c; 5, \$2.75.**

ROSEA SUPERBA. One of the earliest peonies. Blossom a beautiful pale pink in color, large and rose shaped, resembling an immense pink rose. **Each, 70c; 5, \$3.25.**

FLORAL TREASURE. This peony blooms in mid-season bearing very large compact flowers of a beautiful shell pink shade. **Each, 75c; 5, \$3.25.**

COUROSNE D'OR. A large white variety bearing large globular flowers of white with a yellow ring and crimson splashes. **Each, 75c; 5, \$3.25.**

MON. JULES ELIE. This is undoubtedly the finest rose pink peony in cultivation. The



Marechal Vaillant

Hardy Shade and Ornamental Trees

A few words to our customers with regard to the matter of wind break and shade tree planting. We have a fairly extensive list of trees, all of which with some attention are satisfactory throughout the Northwest. For farm planting, however, under the harsher conditions the three old standbys are still the safest to plant—that is the cottonwood, box-elder, and green ash. For extensive groves or windbreaks a free use of the smaller sizes is sure to bring results, for quickest returns the cottonwood of course being the leader. In wind break planting there should be an addition of some of the more bushy types of trees such as Diamond, White English, Laurel Leaved and Golden Russian willows, Siberian Pea Tree, and Buffalo Berry. Some of the poplars in our list should also be intermixed for variety.

TREE PRICES BY EXPRESS. SMALLER SIZES MAY BE ORDERED BY MAIL IF DESIRED AND WE SHALL FORWARD C. O. D. TO COVER POSTAGE AS THE WEIGHT IS DIFFICULT TO ESTIMATE IN ADVANCE.

PLANT COTTONWOOD FOR QUICK RESULTS



**3 Year Old Cottonwood
Windbreak**

COTTONWOOD—(Populus deltoides). The cottonwood, whose popularity has been slowly increasing from year to year, has been proclaimed by the highest horticultural authorities of the state to be one of our few good, all-round trees, easily adapting itself to practically all conditions, and surviving where other trees die. The cottonwood is a native of this section, absolutely hardy and a very rapid grower, while objections raised against it as being a short lived tree are easily overcome on being confronted by many windbreaks and groves throughout the state over thirty years old and which are still growing.

Choice 6-8 ft. trees. We have a very fine block of these, of heavy caliper, being transplanted. Nursery-grown and well-rooted.

No orders for less than 100 of the smaller sized seedlings will be accepted as we cannot break bundles on these.

COLLECTED SEEDLINGS

	100	500	1000
6-10 inch	\$0.50	\$1.75	\$3.00
10-20 inch .....	.75	2.50	4.00
20-30 inch	1.00	3.00	5.50

NURSERY-GROWN, TRANSPLANTED

	Each	10	100
3-4 ft.	\$0.10	\$0.75	\$6.00
4-6 ft. ....	.15	1.25	10.00
5-7 ft. ....	.20	1.60	15.00
6-8 ft. ....	.25	2.00	18.00
8-10 ft. ....	.30	2.50	20.00

GREEN ASH—(Fraxinus lanceolata or viridis). The Green Ash is a native of North Dakota, and is absolutely hardy against drought, heat or cold. This tree will grow on dry and alkaline soils and could rightly be termed "insect and disease proof."

We offer our customers some unusually good stock, as our Ash are well rooted, have made a good growth last summer, and are very stocky. Try our transplanted trees for quick effect.

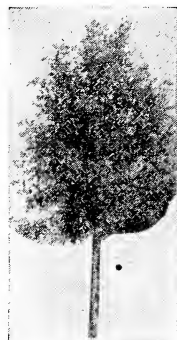
	100	500	1000
6-12 inches	\$0.50	\$2.00	\$3.50
12-18 inches .....	.75	3.50	6.50
18-24 inches	1.00	4.50	8.00
5-6 ft.	Each 30c;	10, \$2.50	
6-8 ft.	Each 35c;	10, \$3.00	

BOX ELDER—(Acer negundo). Also called Ash Leaved and Manitoba Maple. Too well known to need any description. In planting windbreaks it is a very good method to alternate quick growing trees with the slower growing, long lived varieties. The Box Elder and Ash are extensively used in this manner with the cottonwoods. We wish to call particular attention to our calipered trees; these give immediate results in lawn and street planting. **5 @ 10 rates, 50 @ 100 rates.**

	Each	10	100	500	1000
6-10 inch			\$0.75	\$3.50	\$6.00
10-20 inch			1.00	4.50	8.00
3-4 feet			\$0.75	6.00	
4-6 feet			1.25	10.00	
6-8 feet	\$0.25	2.25			



Box Elder Shade Tree



Green Ash

Received the bundle of trees and must say they arrived in fine shape. You sure know how to ship trees.

Barney Faber, Divide, Wyo.

HARDY SHADE AND ORNAMENTAL TREES

Continued



American Elm

AMERICAN ELM. (*Ulmus americana*). The elm is perhaps the most beautiful shade tree that can be grown; our hardy, native, home grown stock is the finest that you can get and perfectly adapted to the Northwest in locations where it can receive a fair supply of moisture. 4-6 ft., each, 40c; 10, \$3.50; 6 to 8 ft., each, 60c; 10, \$5.00; 8 to 10 ft., trees, each, \$1.25; 10, \$10.00. Seedlings 6-12 in., per 100, \$2.00; 500, \$9.00; 1000, \$16.00.

MAPLE, Soft—(*Acer saccharinum*). We have succeeded in acclimating some very nice stock of this desirable tree, but do not recommend it for dry soils unless water can be applied plentifully, particularly before freezing in fall. **Strong 12-18 inches**, per 100, \$2.25; 500, \$10.50; 1000, \$20.00.

BALM OF GILEAD OR BALSAM POPLAR. This is an old favorite of the popular family, perfectly hardy, with a broad spread of top, making a fine shade tree. Noticeable for the aromatic odor which it gives off. 6 to 8 ft., Each, 40c; 10, \$3.50.

LINDEN OR BASSWOOD—(*Tilia am.*). A hardy grower of pyramidal habit when young, becoming large and round headed later. Has large, shiny, bright green leaves attractively shaped. Our own stock. Each, 4-6 ft., 75c; 10, \$7.00.

BIRCH—Cut Leaved Weeping—(*Betula L. P.*). This is the most popular of all weeping trees. Of tall and slender habit; its graceful drooping branches, silvery-white bark and delicately cut foliage, with its absolute hardness present a rare combination of attractive characteristics. We offer an extra fine lot of stocky, bushy trees. 6 to 8 feet, each, \$3.00; per 10, \$25.00.

GINNALA OR AMUR MAPLE. This is a very hardy small maple from Siberia, especially noteworthy on account of its beauty of shape and foliage, and the glowing colors which it takes on in the fall. Attains a height of 20 to 30 feet, is absolutely hardy and very ornamental. Each, 4 to 6 ft., 40c; 10, \$3.00.

ASH—European Mt.—(*Sorbus aucuparia*). A very handsome hardy tree. The head is dense and regular, and very attractive when in bloom. From July until winter these trees are covered with great clusters of bright red berries. A very choice ornamental tree. 5-6 feet, each, 60c; per 10, \$6.00.

We are ever so pleased with your nursery stock.

Steinhilber Bros., Arvada, Wyo.



Ginnala
Maple

Whenever I need any more plants or trees you will get my order, as I know I shall get a square deal from you.

L. L. Woell, Clifford, N. D.

HARDY SHADE AND ORNAMENTAL TREES—(Continued)

NORTHWEST POPLAR. The only Poplar except cottonwood which is absolutely hardy with us and as far north as Indian Head, Sask., Canada; where it is found as a native. Also found as a native 20 miles north of us and at a few other places north and west. It has a beautiful appearance, is very drought resistant and a fast grower. Excellent for both grove and windbreak plantings and handsome in single or small group plantings for the lawn or grounds. Recognized and coming to the front very rapidly as the very best of all the Poplars. 2-3 ft., Each, 15c; 10, \$1.25; 50, \$5.00; 100, \$9.00. 3-4 ft., each, 20c; 10, \$1.50; 50, \$7.00; 100, \$12.00.



Northwest Poplar as a Windbreak

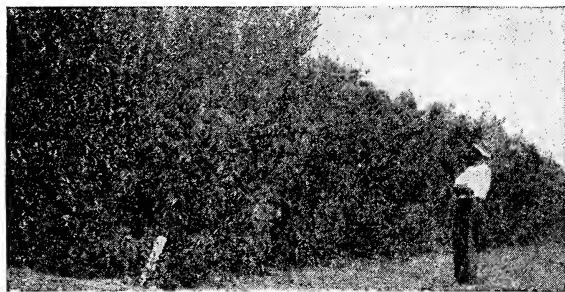
SILVER LEAVED POPLAR. A very rapid grower with smooth gray bark. The deeply lobed leaves are a dark glossy green on their upper side and snowy underneath. The contrast of the white against the green is distinctive. We offer a stock of choice 4-6 ft. trees. Each, 50c; 10, \$4.50.

TAMARACK OR AMERICAN LARCH. This is a beautiful ornamental belonging to the evergreen family, but shedding its needles in the fall. A rapid grower and perfectly hardy over a period of many years. 4 to 6 ft., each, 60c; 10, \$5.00.

BIRD OR PIN CHERRY. (*Prunus pennsylvanica*.) A native of the state which makes a very handsome small tree or large shrub, bears a small tart cherry in profusion, which is valuable for the making of jelly and preserves. 3 to 4 ft., each, 40c; 10, \$3.50.

WILLOW, White English. This is the original and genuine White English willow, which must not be confounded with the common gray or white willows. Our trees at the Nursery are between 40 and 50 feet in height, well branched out and very compact and bushy. Will grow 6 to 8 feet same season as set out. 2-3 ft., doz, 25c; 100, \$1.75; 1000, \$16.00; 3-4 ft., doz., 30c; 100, \$2.50; 1000, \$22.00.

WILLOW—Golden Russian. A good, practical tree of symmetrical form. Its highly colored bark makes it very attractive, even in winter. Forms a very, compact, dense, bushy tree. 2-3 ft., doz., 25c; 100, \$2.00; 1000, \$17.00. 3-4 ft., doz., 30c; 100, \$2.50; 1000, \$22.00.



White English Willow Windbreak

WILLOW—Diamond. The most valuable as to timber of all the willow family and a native of North Dakota. Diamond willow fence posts will outlast the best white cedar. It has a shrubby tendency and in such form is valuable for shelterbelts and hedges but if trimmed up from the start, there is no more graceful tree to be had. Seedlings, per 100, 75c; 500, \$2.50; 1000, \$4.25. Cuttings, per 1000, \$2.50.

WILLOW—Niobe Weeping. Originally from Siberia. This is a hardy, golden-barked willow of weeping habit. The tree is a good grower with long, delicate, pendulous branches which nearly reach the ground. As any weeping trees may be injured by very high winds, we advise planting in partially sheltered places such as the south side of a house. 4-5 ft., trees, each, 50c.

WILLOW—Laurel-Leaved. A handsome ornamental tree, with large shiny, laurel-like leaves. Its bark stands out dark green in winter and it is a very beautiful specimen in all seasons. We consider this the best variety of the willow family both ornamentally and for its value in windbreaks. 1-2 ft. size per doz., 30c; per 100, \$2.00; per 1000, \$18.00. 2-3 ft., per doz., 40c; per 100, \$3.00; per 1000, \$28.00.

The trees I received last year were very good and I am glad to say that 95% of them grew and are alive.

Max L. Thiel, R. No. 4, Kenmare, N. D.

Ornamental Flowering Shrubs



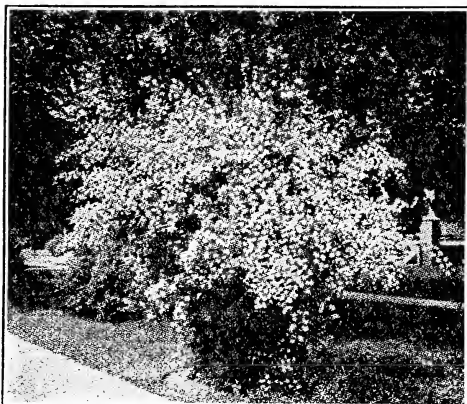
A Beautiful Planting of Shrubs and Perennials in Bismarck

We make a specialty of hardy flowering shrubs which we have proven suitable to Northwestern conditions of climate. We call especial attention to the hardy natives which we list.

PLANT WILL'S PROVEN, HARDY SHRUBS FOR RESULTS

Prices quoted are by express or freight, 5 at 10 rates.

Mail Prices—Where shrubs are desired by mail add 10c per plant to price quoted for that variety. All shrubs sent by mail are of small size, and will be cut back ready for setting out, before shipping.



Van Houtte Spirea

SPIREA—Opulifolia (Ninebark). Has a strong thrifty, upright growth, attaining a height of 6 to 8 feet. The stems are rugged and have loose, gray bark. Flowers are white, with bladdery pods turning purple in fall. Will thrive in both dry and wet soils. 2-3 feet, each, 35c; per 10, \$3.00.

SPIREA—Billardi. A hardy, vigorous growing shrub with flowers in terminal rose colored and white spikes blooming from mid-summer until frost. Grows to a height of from 5 to 7 feet. Each, 30c; per 10, \$2.50.

SPIREA—Anthony Waterer. This is a dwarf, free-blooming variety which bears flattened heads of brilliant rosy blossoms on the new wood throughout the latter part of summer. 18-24 inches, each, 60c; per 10, \$5.00.

SNOWBALL—(Viburnum sterilis). This beautiful shrub blooms during the latter part of May and is used extensively for Memorial Day decorations. The large balls of pure white flowers are borne in clusters of five or six. 2-3 ft., each, 40c; per 10, \$3.50.

HIGH BUSH CRANBERRY—(Viburnum opulus). A native shrub, flourishing on all but the driest soils. The leaves are a glossy green and always free from insects. It is valued for its beautiful foliage and early white flowers, but mostly for its big clusters of red berries in the fall. Each, 35c; per 10, \$3.00.

MAY DAY BUSH. (Prunus mackii). This is a tall shrub or small tree from Siberia and related to our chokecherry. The very first plant to come into leaf and blossom in the spring, perfectly hardy, and handsome in foliage and form. 3 year specimens, each, 25c; 10, \$2.25.

SPIREA SALICIFOLIA—(Meadow Sweet). Native white flowering. Covered with beautiful small white flowers borne on miniature spikes from late June into July. Small plants. Each, 25c; per 10, \$2.00.

SPIREA—Van Houtte or Bridal Wreath. This is the most graceful of all the Spireas. In June it is a complete mass of small white flowers, well placed among its drooping branches. It is excellent as a specimen plant or for use in shrubbery cluster. 2-3 feet, each, 35c; per 10, \$3.00.

SPIREA—Callosa alba. Like the A. Waterer, this is a dwarf, growing to a height of 24 inches. The large flat clusters of white flowers bloom nearly all summer. Very attractive. Each, 50c; per 10, \$4.25.



May Day Bush

ORNAMENTAL FLOWERING SHRUBS—(Continued)



Russian Artemisia

STAGHORN SUMAC—(*Rhus typhina*). The glossy foliage turns a brilliant crimson in fall, while the branches and stocks are very dense and velvety haired. Blooms late with terminal flowers of greenish-white in dense pannicles. Fruits are large deep crimson. Extra strong stocky plants. 4-5 feet, each, 50c; per 10, \$4.00.

LILAC, VILLOSA. A species of hairy leaved lilac from China, having large pannicles and flowers which are light purple in the bud and white when open. Very fragrant. The rich, bright green foliage resembles that of the white fringe. Each, 2-3 ft., 50c; per 10, \$4.50.

LILAC COMMON PURPLE—(*Syringa vulgaris*). The old-fashioned shrub bearing dense pannicles of lilac flowers in May. Each, 25c; per 10, \$2.00.

LILAC, COMMON WHITE. The old favorite with its pure white flowers of great fragrance. Each, 30c; per 10, \$2.50.

FLOWERING OR BUFFALO CURRANT—(*Ribes aureum*). The fragrant yellow flowers are borne in showy racemes and bloom before the plant leaves out. The flowers are replaced by black berries which make excellent jelly. The leaves give bright autumn tints. Particularly desirable in shrubbery clusters. Each, 2-3 feet, 40c; per 10, \$3.50.

CHINESE APRICOT (*Pr. armeniaca*). A native from Siberia and China, which has proven absolutely hardy here. Makes a small, round-topped tree with reddish bark somewhat like the Peach. Flowers are pink; followed by a yellow, blushed with red. fruit. When squeezing the fruit, the pit drops out clean. The fruit is not very good to eat, but as a small ornamental shrub, this is certainly a valuable addition to our limited plant list. We are the first to introduce this valuable new plant to the public at large. TRANSPLANTED, 2 year old nursery grown plants, each 50c; per 10, \$4.00.

SIBERIAN FLOWERING ALMOND OR CHINESE PEACH. (*Amygdalus ped.*) At last, a hardy, drouth resistant flowering Almond, guaranteed hardy ANYWHERE in our Northern States bordering Canada. A pretty, low-growing, bushy ornamental plant, with pink flowers appearing in advance of the leaves. The flowers are followed by small, red-hairy, peach like fruits. Like the Chinese Apricot, we are the first to introduce this GUARANTEED HARDY ornamental plant. 2 year transplants, each, 50c; per 10, \$4.00.

GOLDEN ELDER—(*Sambucus aurea*). A most attractive shrub with golden foliage the entire season. Forms a delightful contrast when grouped with other shrubs. Flowers in July. Each, 40c; per 10, \$3.50.

JUNEBERRY—(*Amelanchier canadensis*). A native of this state, attaining a height of six to eight feet, bearing white flowers very early in the spring, and producing a large number of edible berries which are very ornamental. Each, 3 to 4 feet, 25c; per 10, \$2.00.

RUSSIAN ARTEMISIA OR OLD MAN. A semi-herbaceous shrub of wonderfully rapid growth and extreme hardness. It is especially valuable for a quick hedge or for farm planting as an ornamental. Emits an aromatic odor. Each, 30c; 10, \$2.50.

DOUBLE FLOWERING PLUM—(*Prunus triloba*). Large, double rose flowers, thickly clustered, blooming before leaves appear. Large three-lobed leaves. The most ornamental early flowering shrub. 2-3 feet, each, 60c; per 10, \$5.00.

SILVERBERRY—(*Eleagnus argentea*). An erect shrub, native here and in Canada, growing to a height of 10 feet. Leaves silvery on both sides, while flowers are yellow and fragrant. Closely resembles the Russian Olive to which family it belongs. 2-3 feet, each, 40c; per 10, \$3.50.



Common Purple Lilac

The plants could not be in better shape, and are certainly fine healthy looking prospects.

C. E. Ripley, Ravalli, Mont.

Hardy Roses

IMPORTANT—All roses listed except the Persian Yellow and the Rugosa varieties, should be protected in winter. In fall cut back slightly, loosen soil around roots, bend plant over and cover with soil. Later on mulch heavily with hay, old straw or strawy manure. Uncover early in spring. Before planting roses, cut back to within 6 inches of the crown. Baby Ramblers and most of the Rugosa will bloom same season as planted.

ROSA RUGOSA AND HYBRIDS

The Rosa Rugosa is an upright shrub attaining a height of three to four feet, absolutely hardy and not attacked by insects. Its stout thorns make this a beautiful and effective hedge plant. It blooms throughout the summer and needs absolutely no winter protection.

RUGOSA BUSH ROSE. This is the genuine hardy single rugosa, large blossoms red and white in color, handsome foliage and wonderful hardiness. Will stand much more severe conditions than any of the hybrids from it. Each, 30c; 10, \$2.50.



Rugosa Hybrids

HANSA (Crimson). The flower is a large beautiful crimson, double and very fragrant. Each, 75c; per 10, \$7.00.

C. F. MEYER (Pink). The flower is a clear silvery rose, large and double. Each, 75c; per 10, \$7.00.

BLANC DE COUBERT (White). The flowers are pure white, semi-double, and very fragrant. Each, 80c; per 10, \$8.00.

CLIMBING ROSES

CRIMSON RAMBLER. A wonderful Japanese rose, the most important and valuable acquisition of recent years. A rapid growing climber producing an abundance of semi-double bright crimson flowers. Each, 50c; per 10, \$4.50.

WHITE RAMBLER. Having the same climbing habit as the Crimson Rambler, but bears pure, pearly white flowers. Each, 50c; per 10, \$4.50.



Persian Yellow

BUSH ROSES

GEN. JACQUEMINOT—(Hybrid Perpetual or Bush Rose). One of the best and most popular of the red H. P. Roses grown. It is bushy in habit and quite hardy. The large and fragrant flowers are a rich crimson. Should have some winter protection. Each, 75c; per 10, \$7.00.

PERSIAN YELLOW—(Hardy Yellow Bush Rose). Absolutely hardy, an old favorite and still one of the very best roses for the yard. Flowers are bright yellow and double. Each, 85c; per 10, \$8.00.

BABY RAMBLERS

BABY RAMBLERS OR DWARF POLY-ANTHUS ROSES. These are invaluable in bedding work, and if cut back in the fall and potted will bloom throughout the winter indoors. These must also have protection if left outside over winter.

CRIMSON BABY. The original dwarf form. The wonderful persistency of its crimson bloom makes it deservedly popular. It makes a very beautiful house plant. Each, 70c; per 10, \$6.50.

WHITE BABY Daintily modeled and full of perfectly double, pure white flowers. Each, 70c; per 10, \$6.50.

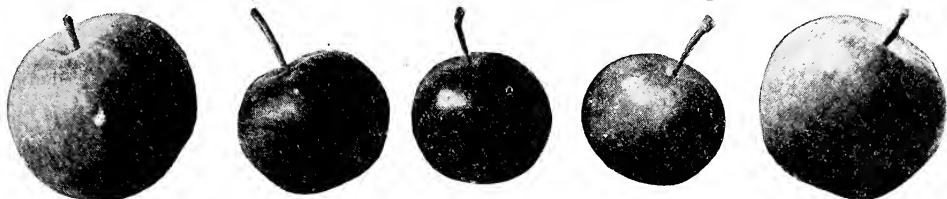
Add 10c to price of single rose if ordered postpaid.



Baby Rambler

Apples and Crabs

Send for Our Leaflet, Outlining the Latest Ideas in Fruit Growing for the Northwest.



It has been fully demonstrated now at the Great Plains Station at Mandan that by growing apples and plums in the bush form with low heads and on hardy roots these fruits may be successfully raised in the Northwest without undue effort. We are using our best efforts to produce the proper sort of trees on the hardiest types of roots and are truly proud of the stock which we have to offer this year. We offer only proved hardy varieties. Our stock is all two years old and unusually thrifty. Young trees are without question the most satisfactory to plant. **Prices. Strong 2 Year Stock, Each 35c; 10, \$3.00.**

PYRUS BACCATA. The Siberian cherry apple; this is a handsome ornamental, the original Siberian wild crab, and produces heavy crops of a small, cherry sized apple which is unusually satisfactory for making jelly. This variety is the hardiest of the apple family, and is the one which is largely used by us as a root stock for our other varieties.

WHITNEY CRAB. August to September. A hardy, thrifty, upright grower. The fruit is very large and glossy green, striped with red. The flesh is firm, juicy and pleasant. It is a very heavy yielder and highly prized for cider.

HYSLOP CRAB. September to November. A small, late, dark-red crab. It is very hardy, a good yielder and one of the most popular varieties.

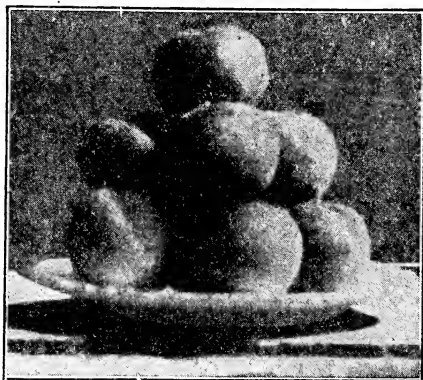
WEALTHY. October to January. This variety is beyond doubt the most popular sort throughout the Northwest. A hardy, upright grower, and a very abundant bearer. The fruit is large and dark crimson in color. The flesh is crisp and sub-acid; white, tinged with red. A fine eating apple and one that keeps well in storage.

HIBERNAL. October to December. The hardiest type of the Russian family. A spreading grower, and an early regular bearer. The fruit is large and yellow in color, with dull, bronze-red on the sunnyside. Excellent for cooking and the best for drying purposes, but not for eating until ripe.

PATTEN'S GREENING. February to March. A seedling of the Duchess, very hardy, vigorous and free from blight. The fruit is large, yellow and keeps remarkably well. One of the best all-around varieties for the Northwest; a good eating and cooking apple.

OKABENA. September. Very hardy, productive and remarkably free from blight. The fruit is medium sized, slightly flattened, and highly colored. As an eating apple it cannot be surpassed.

DUCHESS. August to September. A standard early commercial variety and the best known of all the Russian apples. It is very hardy, free from blight, and an early and prolific bearer. The fruit is large, yellow with red stripes, very tender and juicy.



Wealthy



Orchard of Bush Form Apple Trees

Plums

Plums are the best adapted of all the larger fruits to the Northwest, are found native in their wild forms, and are our most satisfactory fruit as regards yield and regularity of bearing. Like the apples they should be grown in bush form, especially the hybrid forms. The true plums which we list are derived from the *Prunus Americana* type native in our state or from the *Prunus Nigra* of Manitoba. The hybrids are crosses between true plums and sand cherry. Our stock is of our own growing and is budded and grafted on either the native wild plum or the sand cherry.

TRUE PLUMS

CREE PLUM—AT LAST A BIG, HARDY, FREE FRUITING PLUM OF EXTRA QUALITY FOR THE NORTHWEST.

The Cree is one of Professor Hansen's originations and assuredly one of the best. It has been carefully tested here and at the Mandan Station and has proven absolutely hardy and of wonderful quality. It is one of the largest sized plums of the north, the fruit being bright red, skin thin, ripening in the latter part of August. It is a cross between the *Prunus Nigra* of Manitoba and the Shiro plum. The late Mr. Wedge of the Wedge nursery when he viewed the Cree at Mandan pronounced it the best fruit on the grounds, and that is our opinion of it. Strong young trees, each, \$1.25; 10, \$10.00.

MAMMOTH. This is another plum of the *Prunus Nigra* type which has been developed in Manitoba. It is of exceptional quality perfectly hardy and of large size. We are the first to introduce it in the United States. Each, \$1.00; 10, \$8.00.

LOBING PRIZE. This is the great new Minnesota plum which has won so much favorable comment in the past year. Possibly not quite hardy enough for the northern limits of our territory, but still very hardy. Each, \$2.00.

DE SOTO. The most popular of all American plums and a marked success in the Northwest. The tree is very hardy and productive, inclined to overbear. The fruit is medium size, fine quality and flavor, and bright red with firm, yellow flesh. Each, 60c; 10, \$5.00.

NATIVE WILD PLUM. These vary somewhat as to size and color, some being a medium size while others are larger. All however, are good sized plums and are absolutely certain to bear fruit every year after the second year of setting out. 2-3 ft., Each, 25c; 10, \$2.00; 3-4 ft., Each, 30c; 10, \$2.50.

HANSEN HYBRIDS

These varieties were originated and introduced by Prof. N. E. Hansen of the South Dakota Experimental Station. By cross-fertilizing our native wild plum, the Sand or Rocky Mountain cherry, and the large Japanese plums and apricots, and planting seedlings of these crosses, he has obtained trees that are hardy, are early bearers, and very prolific of fruit, noted for its fine quality and great size. All of the following varieties will bear fruit first year after setting out without fail. We are listing the 3 to 5-foot size and suggest cutting the tops as with apples, as it is the nature of these hybrids (containing the sand cherry blood) to be more or less bushy in habit. Prices, each, 55c; 10, \$5.00.

OPATA. A cross between the Sand Cherry and Gold Plum. Tree is a very vigorous grower and should be allowed to head out very low. Fruit is dark, purplish-red with blue bloom, flesh green and firm with very pleasant flavor. We consider this the best and the hardest of the Hansen hybrids.

SAPA. Cross between the Sand Cherry and a Japanese Plum. Heads low like the Opata. Fruit has glossy dark purple skin and rich dark-purple red flesh. Excellent for canning.

CHERESOTA. Another of the crosses, the fruit resembling the Opata very much but being a little smaller in size. More so than the others, this variety has a tendency to grow upright, and if anything, bears heavier.



Cree Plum



Opata



De Soto Plum

All my plum trees and Climbing Raspberries were in fine shape when I received them last spring; never lost a tree.

Mrs. Art Hallett, Burntfork, Wyo. 3542.

Cherries

COMPASS. This remarkable fruit, the result of a natural cross between the sand cherry and a native plum, originated with H. Knudson of Springfield, Minnesota. The tree is perfectly hardy, even in the far North, and seems especially adapted to the Western prairies, where it is very free from disease, and remarkably exempt from insect enemies and the depredations of birds. It frequently bears the same year as it is set, and is quite certain to bear a good crop annually thereafter. The fruit which resembles a small bright red plum, is of pleasant acidity as eaten out of the hand and when cooked or canned makes a remarkably fine rich flavored sauce. **Price, each, 3-5 feet, \$0.60; per 10, \$5.00.**

ZUMBRA CHERRY. This is an entirely new type of cherry which promises to be of great value. It has not been thoroughly tested for hardiness yet, but seems to be fully as hardy as the Compass. It is a production of the Minnesota State Fruit Breeding Farm, and is supposed to be a cross between the sweet cherry, the pin cherry and sand cherry. Fruit is very dark, flesh greenish, freestone, quality very good. Excellent for preserves. Our stock of this grand new introduction is very limited. **Each, \$1.25.**

CHOKE CHERRY. We have given up the domestic sweet and sour cherries as they have been winter killed for the last few seasons, and we do not wish to recommend any variety that will not give satisfaction. We list this year only the native wild cherries and hybrids; being natives of this state and absolutely hardy. These fruits make most excellent preserves. **4 to 5 ft., each, 25c; per 10, \$2.00. Seedlings 6-12 in. per 100, \$2.50.**



Choke Cherry

SAND CHERRY OR ROCKY MOUNTAIN CHERRY. This is a native bush cherry, wonderfully productive and very hardy. The fruit is nearly the size of a tame cherry and when dead ripe, of pleasant taste. Very fine for jams and jellies. **Each, 25c; \$2.00, per 10.**

HAZELNUT—Corylus Americana

This native, found in the Northeastern part of the state and in Northern Minn., grows in shrub or bush form, attaining a height of from four to six feet. The nuts hang on in clusters and can be picked when fairly green. Very good to eat. They generally bear heavy crops year after year. **Each, 3-4 feet, 25c; per 10, \$2.00.**

STRAWBERRIES

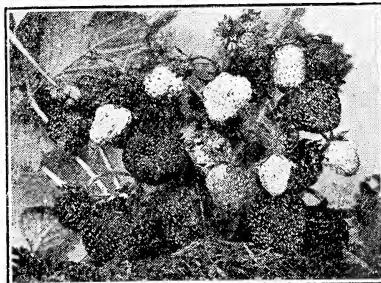
We are pricing strawberry plants this year only at prepaid prices. All orders for them will be shipped by themselves, as we cannot usually start shipping till near May first and the plants are liable to damage if packed in with other goods.

Prices	25	50	100	1000
Progressive	\$0.65	1.25	2.25	18.00
Senator Dunlap .....	.35	.60	1.00	9.00

Sand Cherry

PROGRESSIVE EVERBEARING. (Perfect Flowering). After several years of testing out, this variety holds first place among the Everbearing kinds for the Northwest section. It is very hardy and highly productive and we recommend this kind for all ordinary purposes, either for the Farmer who wants to set out 500 or a 1,000 plants or for the City dweller who is content with 25 or 50 plants. Keep blossoms picked off during spring when plants are set out. This insures a good crop for Fall. Mulch with old hay or straw in Fall after the ground freezes and take off during April the following year. If taken care of, you can have fresh fruit from August until October the first year, and practically during the whole season, the next year.

SEN. DUNLAP June Bearing (Perfect Flowering). This is the greatest of all the June bearing strawberries. The vine is tough, bright, a rampant runner, and a sturdy grower. It is wonderfully productive and each berry is regular in shape and of delicious quality. The berry is large, bright red and glossy, firm, a good keeper, and the very best sort for canning. It ripens early but continues one month in bearing. Absolutely hardy throughout the Northwest; it yields a good crop in spite of drought and neglect.



Progressive Everbearing

Raspberries

This is one of our true Northern fruits and is very much at home in the Dakotas, Montana and the western states.

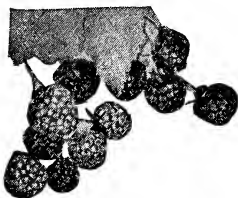
SUNBEAM—(Red). This is the hardiest of all red raspberries and the only red variety we have as yet found that will winter in North Dakota without any protection whatsoever. This variety has stood 47 degrees below zero in our nursery, and seven feet of water stood on the patch several days but the Sunbeams all came out in good shape, bearing heavy crops every year. The Sunbeam is very productive and has distinct heavy foliage. The fruit is of medium size with a bright red color and of excellent quality. The bearing season is very long, lasting until late in August and bearing nearly as much of a crop on the one year shoots as on the older and more established plants. We claim the Sunbeam to be absolutely the best raspberry for the northwestern section which has been so far produced. **Price; per 12, 40c; 50, \$1.60; 100, \$3.00. Mail, per 12, 60c; per 100, \$3.50.**



Sunbeam Raspberry

PEERLESS CLIMBING—(Red). This raspberry was originated by Mr. John Millet of Bismarck, and in his trials has given marvelous results. The canes will attain a height of eight to twelve feet if tied to a trellis or pole and berries are produced along the whole length of the plant. The fruit is large, of very good quality, and profusely borne. So far the Peerless has shown unusual hardness, although we are not yet prepared to say whether it is as hardy as the Sunbeam. Unusually valuable where space is crowded as it may be trained up and will produce a great quantity of fruit on a small area. **Prices: per dozen, 75c; 50, \$3.00; 100, \$5.00. By mail, dozen, \$1.00; 50, \$3.50; 100, \$6.00.**

OHTA—(Red). Like the Sunbeam this variety was originated by Prof. Hansen of Brookings, S. D., who, in his endeavors to produce a berry better than the Sunbeam, was finally rewarded by this cross which he called Ohta. This variety might be termed an everbearer, as it bears from July until fall. **Prices: per 12, 70c; per 50, \$2.50; 100, \$4.50. Mail, 12, 95c; 100, \$6.00.**



Ohta Raspberry

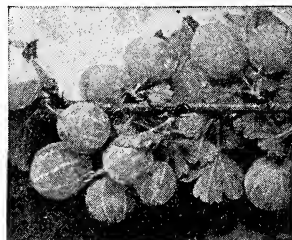
TYE BLACK. The only hardy Black Raspberry in the Northwest. Found growing wild in the Square Buttes of this state by Mr. O. A. Tye and brought under cultivation. Makes a strong, stocky growth. Berries are medium-sized, firm and hang in clusters. Plant not more than 2 inches below surface of soil. **Each, 25c; dozen, \$2.50. By mail, each, 30c; dozen, \$3.00.**

Blackberries

ELDORADO. The most valuable variety for our northern climate. It requires covering in winter. The plants are vigorous, and their yield is enormous. The berries are large, jet-black, borne in large clusters and ripen well together. They are sweet and delicious and keep well after picking. **Dozen, 70c, postpaid. By express, dozen, 60c; 50, \$2.25; 100, \$4.00.**

Gooseberries

HOUGHTON. An enormously productive, reliable old variety. The fruit is smooth, pale-red, tender and well flavored. Of vigorous growth, slender and spreading; it is not subject to mildew. Strong 1 year plants, **per 12, \$1.50. By mail, per 12, \$1.75.**



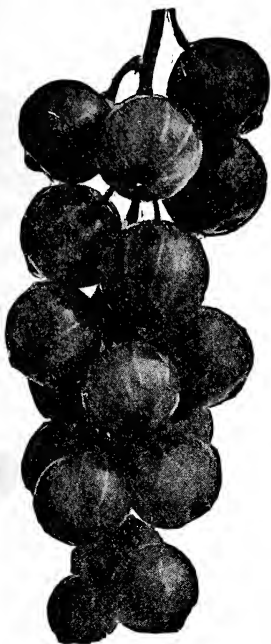
Houghton Gooseberry

The Sunbeam raspberry bushes I got of you have exceeded my expectations, as they have proved to be very hardy, of fine flavor and very prolific.

S. A. Camp, Ovando, Mont.

My gooseberries I got of you are grand, doing fine.

6338 Mrs. J. D. Branson Sr. Pioneerville, Idaho.



Perfection

Currants

PERFECTION. Greatest of all currants. The only small fruit ever awarded the Gold Medal of the Western New York Horticultural Society. A cross of Fay's Prolific and the White Grape Currant; it combines the large size and rich color of the Fay with the good quality and productiveness of the White Grape. The berries are rich, mild sub-acid and few seeded. It is the most profitable currant, and the easiest to pick. **Prices; each, 20c; doz., \$2.00; by mail, each, 25c; doz., \$2.25.**

CHERRY CURRANT. An old standard variety. The growth is strong, stout and erect. The fruit is of large size, deep-red and rather acid. Very productive. **By express, dozen, \$1.50; by mail, \$1.75. Heavy 2-yr. plants, doz., by express, \$2.25; by mail, \$2.50.**

WHITE GRAPE. The best variety of white currants. The bushes are thrifty and productive, bearing large, white currants of the very sweetest flavor. **By express, dozen, \$1.50; by mail, \$1.75.**

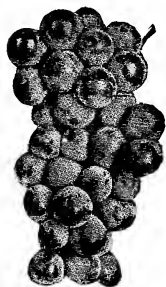
NATIVE BLACK. We have a limited supply of transplanted stock, Nursery grown from seed, of this kind, which can be used for fruiting or ornamental purposes. The fruits are large, sweet, and make excellent jelly. **Each, 2 yr. old, 25c; dozen, \$2.50.**

Grapes

Grapes have always been, and always will be, one of our most popular fruits. There is absolutely no reason why we should not be able to raise our own grapes in the Dakotas, Montana and west of there, if a little attention is paid to pruning, etc. Our varieties here listed, are acknowledged to be the hardiest in the U. S. up to the present time, and have withstood several tests of 40 degrees below zero. Even so, to make sure, grapes should be laid down the first winter and covered with soil, finishing with a mulching after they have been laid down.

NATIVE WILD GRAPE. This is one of the most satisfactory wild fruits for cultivation. The small arbor in the illustration planted with about a dozen vines produced several bushels of grapes the past year in spite of a hail storm. The fruit is unsurpassed for jelly, jams, and grape juice, and the plant is one of the easiest to grow. **One year plants, each, 10c; 10, 90c; 2 year plants, each, 20c; 10, \$1.75. Add 5c per plant or 10c for ten if postpaid.**

WILD WHITE. We are very fortunate in getting hold of this wild white grape as there are very few in cultivation. Berries hang on in big clusters, well filled, and have a very sweet taste. Make a superb jelly and an excellent drink. **Rooted cuttings, 1 year, each, 50c; per dozen, \$4.50.**



Beta Grape



Wild Grape Arbor

BETA. Without doubt the best of the hardy grapes. The berries are blue-black, medium sized and of peculiar aromatic flavor and ripen about August 25th. This is the most desirable grape for arbors and is largely used for decorative purposes. **2 year plants, each, 25c; dozen, \$2.50. Postpaid, each, 30c; dozen, \$2.85.**

SUELTER. Similar to the Beta but being slightly later and having larger fruit of a slightly better quality. Price same as Beta.

We have received all the plants and other items ordered from you and we take this opportunity to thank you for the quality of the goods in question. We find them to be all in the best condition and of a superior quality to what we have received from other houses.

Dr. Stephen Fisher, New Salem, N. D.

Hardy Hedges

HONEYSUCKLE, TARTARIAN BUSH. An upright or bush form of the Honeysuckle and noted for its great profusion and fragrance of its flowers. Growing from eight to twelve feet high (according to location) these tall growing shrubs are extremely suitable for shrubby clusters and for individual planting purposes, especially in exposed locations, as they are the last word in hardiness. For hedges they are unsurpassable, being very ornamental in a trained hedge and will stand clipping to any desired shape or form. **Price, 2-3 ft., each, 30c; 10, \$2.50; 50, \$11.00; 100, \$20.00. Seedlings, 6-12 in. per 100, \$10.00.**

RUSSIAN OLIVE—(Eleagnus angustifolia). The hardiest of the Russian importations. Thrives on the poorest soils, and withstands drought, heat and cold absolutely. It has small yellow flowers produced abundantly, replaced later by small, silvery-white, olive-shaped fruits. When trimmed it makes a beautiful ornamental and when cut back forms a most effective hedge. For hedging, plant 1 foot apart. **Price, 18-24 in., 10, 75c; 50, \$3.00; 100, \$5.00. 2-3 ft., 10, \$1.25; 50, \$4.00; 100, \$7.00; 3-4 ft., Each, 25c; 10, \$2.00.**

SIBERIAN PEA TREE—(Caragana arborescens). One of the hardiest of the shrubs introduced from Northern Russia, its foliage resembling the locust. The bark is a bright green, rendering the tree very attractive even after the leaves have fallen. The bright yellow flowers are borne in May and June, and in dainty shape closely resembling pea blossoms. It can be grown as a shrub or trimmed to a tree, and, planted in hedge rows gives quick and pleasing results. It is absolutely hardy under the severest conditions. **Prices, 6-12 in., 10, 40c; 50, \$1.75; 100, \$3.00; 12-18 in., 10, 70c; 50, \$2.50; 100, \$4.00; 18-24 in., Each, 10c; 10, 80c; 50, \$3.00; 100, \$5.50; 2-3 ft., Each, 15c; 10, \$1.00; 50, \$4.50; 100, \$8.00.**



Tartarian Honeysuckle



Russian Olive

BUFFALO OR BULLBERRY (Shepherdia arg.)

A hardy, native shrub, excellent as an ornamental or hedge plant. An immense producer of small bright-red berries, the size of a currant, makes a most excellent jelly and wonderful for beverage purposes. We have an excellent supply of nursery grown sdgls for hedge and grove planting. **Price, 18-24 in., fine stocky transplanted stock. Each, 25c; 10, \$2.00; 50, \$9.00; 100, \$15.00.**



Hop Vine

Creepers and Vines

5 at 10 Rates.

No home is complete without a few ornamental vines which add so much to the appearance of even the humblest building, and at a very insignificant cost. Our list is absolutely hardy, and unsurpassed for beauty.

VIRGINIA CREEPER—(Amp. quinquefolia). Also called Woodbine, five-leaved Ivy, etc. A native vine of rapid growth and large luxuriant foliage, which in autumn takes on the most gorgeous coloring. **Each, 20c; 10, \$1.75. Postpaid, each, 25c.**

NATIVE HOP VINE. This is a hardy, native vine which produces greenish flowers. It readily attains a height of 15 feet. Strong nursery grown plants. **Each, 20c; 10, \$1.75. Postpaid, each, 25c.**

CREEPERS AND VINES (Continued)



Clematis Vine

BITTERSWEET—(*Celastrus scandens*). A very ornamental and absolutely hardy native climber. It produces orange-yellow flowers followed by showy crimson fruits in autumn. The leaves are dense and glossy. Each, 25c; 10, \$2.00. Postpaid, each, 30c.

ENGLEMAN'S CREEPER—(*Amp. Englemanni*). A type of Virginia creeper, but having shorter joints, and much smaller and thicker leaves. Its strongest feature is its ability to cling to brick, stone or plaster. This makes it valuable in covering walls and large buildings. It is quite hardy but we advise planting it in partially sheltered places. Each, 25c; 10, \$2.25. Postpaid, each, 30c.

CLEMATIS—Native Yellow Flowering. A fast growing native vine of the Clematis family of absolute hardiness and covered with myriads of yellow flowers in summer. 2 and 3 year old plants, nursery grown. 25c; each; 10, \$2.25. Postpaid, each, 30c.

Evergreen Trees

There is no tree quite so well beloved by all of us as the Evergreen, nor is there any which has caused as many disappointments in not growing. Ordinarily the evergreens are hard to start, and most of them are not at all hardy. For the cold Northwest we have fully decided on a very short list of Evergreens, but a list of only those sorts which are not very difficult to transplant. By planting only the sorts which we list you will be practically certain to get good results.

BLACK HILLS SPRUCE SEEDLINGS—MAIL OR EXPRESS

This is the only variety of Evergreen seedlings which we feel can be offered our customers with safety, as this is the hardiest of all the Evergreens, and we are positive that these will give the highest degree of satisfaction. We have bought a supply of seedlings again this year, ready for spring shipment. Seedlings come 100 per bunch so do not order less, as we positively will not break bunches. **Package of 100, by express, 3-6 inch, \$1.75; By mail, per 100, \$2.00.**

SELECT SPECIMEN PLANTS

By Express or Freight Only

The following varieties, (all bushy specimen plants) will be sent, balled and burlapped or placed in baskets. On account of high express rates on uncrated trees, we advise when ordering, to have trees sent "balled and burlapped." When wanted in baskets however, kindly specify. Where 10 or more plants are ordered, we can ball and burlap, box, and send by freight.

BLACK HILLS SPRUCE. This is a sub-variety of the White Spruce, but is much hardier. It has been growing in the Black Hills since glacial days and there is nothing in the way of blizzards, hot winds, drought and the like that it had not withstood for centuries before a white man ever saw it. This is one of the most attractive Evergreens and without exception the hardiest. **Price: each, 12-18 inches, \$1.00; 18-24 inches, \$2.00.**

COLORADO BLUE SPRUCE SHINERS—(*Picea pungens*). An elegant Colorado species with long leathery leaves of rich steel blue. Perfectly hardy anywhere in the Northwest. **18 to 24 in., each, \$3.00.**

BULL PINE—(*Pinus ponderosa*). This is a native pine of the North Dakota Bad Lands, and the acme of hardiness. It makes a handsome, stocky tree, beautiful the year round with its long dark green needles. We have a limited number of the specimen trees to which we call your attention. **12-18 inch size, \$1.00 each.**

BAD LANDS CEDAR. This is the North Dakota type of red cedar and our specimens come direct from the Little Missouri Bad Lands. They are a most difficult tree to propagate but are the hardiest of all evergreens, very beautiful, and most satisfactory in every particular. We should advise having these shipped in baskets in spite of the higher rates as they are much surer to grow. **Size 12 to 18 in., Each, \$2.50.**

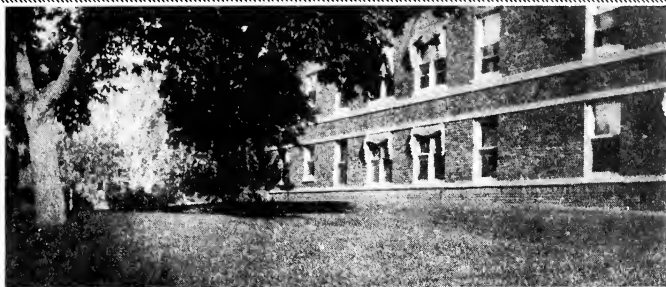


Bull Pine

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Lawn Seed and Lawn Supplies



A Handsome Bismarck Lawn from Will's Emerald Lawn Grass Seed.

Will's Emerald Lawn Mixture

Registered U. S. Patent Office.

This lawn grass mixture has been planted in the Northwest for thirty years, and beautiful lawns in every town in North and South Dakota and Montana prove its value.

The mixture is composed of **only the highest grade seeds** of the several varieties of grass of which it is made up. No clover is contained in the formula, but we are glad to supply White Dutch Clover at catalog price and add it to the mixture without charge for mixing.

If you want a good lawn in North Dakota buy Will's Emerald Lawn Mixture. Accept no substitutes.

Directions for Sowing a Lawn—Only ground which has been broken at least a year and is mellow and easily worked should be seeded for a lawn. After spading up, pulverizing thoroughly and smoothing with a rake, the seed should be sown at the rate of one pound to three hundred square feet. Do not seed on a windy day as the light grass seed will quickly blow away. After seeding, rake in thoroughly with a double motion of the rake, forward and back. If a roller is available much better success will result if a good rolling is given after seeding. The prepared lawn should then be heavily soaked with water and not allowed to dry out until the grass is well up and the whole surface green.

All sorts of soils contain weed seed, and the black soil hauled on for lawns is often very weedy. Do not blame these weeds to the seedman who can furnish you with the official purity test of his seed.

Price, 50c per lb., postpaid. By express or freight, 5 lbs., \$1.50; 10 lbs., \$2.75; 20 lbs., \$5.00.

Unless you have a good steady water supply do not plant the lawn mixture. We have been experimenting for some years in an endeavor to find a hardy grass suitable for lawn purposes, and have found that the native Western Rye or Slender Wheat Grass seems to fill the bill better than anything else we have ever tried. Prices in grass seed section of catalog.

Hose and Lawn Supplies

Prices by express or freight, unless marked Postpaid.

LAWN ROLLER—We can furnish a medium size roller which is weighted by filling with water. Price, \$20.00.

HOSE—Imperial—Black, Non-Kinkable, First Quality. Cut any length. Price, 18c per foot. Couplings, 25c extra.

Mohawk or Minnesota—Black, cheaper quality, but a good durable hose, 50 foot lengths, with couplings, \$7.50.

FOUNTAIN SPRINKLERS—The very best type for lawns. Each, \$1.25 postpaid.

HOSE NOZZLES—Each, \$1.00 postpaid.

HOSE REELS—Make hose last longer. Each, \$2.25.

BRASS COUPLINGS— $\frac{3}{4}$ inch, 25c; \$2.00 per dozen postpaid.

HOSE CLAMPS—Double $\frac{3}{4}$ inch, 15c each; dozen \$1.50 postpaid.

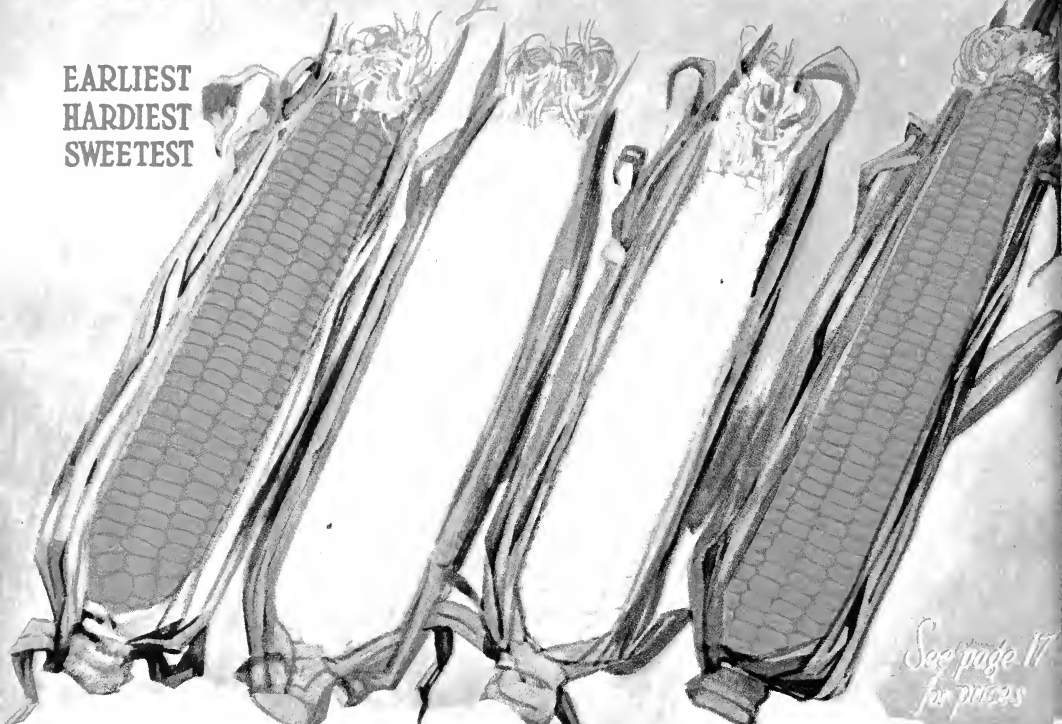
HOSE WASHERS—15c per dozen postpaid.

FERTILIZERS—Pulverized Sheep Manure—10 lbs., 35c; 25 lbs., 75c; 50 lbs., \$1.25; 100 lbs., \$2.00.

LAWN RENEWER—A strong, prepared fertilizer for run-down lawns. One pound equals 20 lbs. stable manure. Sow broadcast, 25 lbs. per 1,000 square feet. 10 lbs., 75c; 50 lbs., \$2.50; 100 lbs., \$4.50.

North Dakota grown- SWEET CORN

EARLIEST
HARDIEST
SWEETEST



GOLDEN BANTAM

BANANA CREAM

EARLY JUNE

NUETTA

*See page 17
for prices*

for the Northwest

Hyslop Crab

35 YEARS OLD
ON AN OPEN EXPOSED
HILL NEAR BISMARCK



Hyslop
HARDIEST CRAB

Healthy
HARDIEST LARGE APPLE

BUDED BY US ON EXTRA HARDY ROOTS, RAISED IN OUR NURSERY